

Qi Wireless Charging Cross-Reference Chart (5-14-25)

(The following chart shows illustrative essential claims for each patent. Other claims may also be essential and/or other portions of the Standard may be covered.)

Ctry.	Patent	CI	Standards / Sections
AT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
AT	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
AT	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
AT	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
AT	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
AT	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
AT	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
AT	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
AT	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
AT	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
AT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
AT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
AT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
AT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
BE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
BE	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
BE	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
BE	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
BE	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
BE	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

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BE	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
BE	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
BE	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
BE	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
BE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

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Ctry.	Patent	CI	Standards / Sections
BE	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
BE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
BE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
BE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
BG	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
BG	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
BG	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
BG	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11

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Ctry.	Patent	CI	Standards / Sections
BG	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
CH	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
CH	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
CH	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
CH	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
CH	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
CH	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
CH	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
CH	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
CH	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
CH	4,138,309	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
CN	100479292	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34
CH	100511913	4	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 5.2.1, 5.2.3.3, 5.3.1, 5.3.6, Fig. 17, Table 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4, 2.2.6, 2.2.10, 2.2.27, Figs. 27, 30
CH	101115343	67	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Figs. 27, 30
CN	101447683	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 5.3, Figs. 2, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.1.2.2, 5.1.2.3, 5.2, 5.2.1, Fig. 7, Annex B.2, B.2.1, B.2.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2.2, 2.3.1.3, 2.3.2.3, 2.3.3.3, 2.3.5.3, 2.3.6.3, Figs. 6, 141(c) (see also, Figs. 24, 67, 76, 107, 124, 130, 131, 137, 141, 145, 146, 152, 159, 166, 173), 170
CN	101588075	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.3, 5.1.3.6, 5.2.3.3, 5.2.3.4, 5.2.3.8, Fig. 17, Tables 30, 34, 35, 36 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.11, 2.2.11.1, Fig. 31
CN	101789636	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1, 10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Figs. 178, 180
CN	101828320	4	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2.13, 2.2.13.1.1, 2.2.13.1.2, Figs. 39, 41, 42
CN	101836272	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1.1, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, 2.3.1, 2.3.1.1.1, 3.1, 3.1.2, Figs. 30, 150, 151, 153, 251
CN	102208921	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13
CN	102280919	12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.6, 5.1.3.6, 5.2, 5.2.1, 5.2.2, 5.2.3.4 Figs. 10, 17, Tables 26, 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, Fig. 6
CN	102355037	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 2.2, 3.1.1, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.3.2, 5.2.3.5, 9, 10, Figs. 10, 16, 44, Tables 28, 29, 32, 35, 63 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.3.1.3, 2.3.6.3, Figs. 3, 141(c) (see also, Figs. 24, 67, 76, 107, 124, 130, 131, 137, 141, 145, 146, 152, 159, 166, 173)

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Ctry.	Patent	CI	Standards / Sections
CN	102449874	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.1, 10, 10.2, Annex B The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, Fig. 15
CN	102596632	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8.11, 8.13, Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8.11, 8.13, Table 29
CN	102804542	1	Qi Specification Parts 1 and 2 Interface Definitions v.1.2.4: Secs. 1.3, 1.5 References Designs: v.1.2.4: Secs. 2.2.23, and 2.2.23.2; Figs. 88, 91
CN	102804728	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
CN	102823101	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 5.1.1.1, 5.1.2.6.1, 5.1.3.6, 5.1.5, 5.2.3.4, 11.1, 11.4, 11.4.1, Figs. 3, 4, Table 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.1.3, 2.2.10.2, Figs. 27, 29, 30
CN	102918748	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 2, 3.1, 4.2, Fig. 2 Communications Protocol: Sec. 8.1, Table 22 Power Delivery: Secs. 3, 3.1, 10 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 2, 3.1, 4.2, Fig. 2 Communications Protocol: Sec. 8.1, Table 22 Power Delivery: Secs. 3, 3.1, 10 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13
CN	103155337	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.3.4.2.2, 5.2.3.7, 5.2.3.12, 5.3, 5.3.2.1, Tables 13, 34, 43, 54 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4, Fig. 10
CN	103178593	1, 5	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.2, 5.1.3.3, 5.1.3.6, 5.2.1, 5.2.3.3, 5.2.3.5, 5.2.3.8
CN	103296784	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 5.1.2.2, 9, 10, 10.1, 11.1, Fig. 19, Annex B
CN	103457363	51	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 5.1.3, Fig. 6, Annex B.3
CN	103545937	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.1.1, 5.1.1, 5.1.2, 5.1.3, 5.1.3.1-5.1.3.7, 5.2.3.3, 11.3, 11.4.2, 11.5, Figs. 4, 48, Table 64, Annex B
CN	103858310	1, 8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3, 3.1, 3.1.4, 3.1.6, 5.1, 5.2, 5.2.2.1, Figs. 4, 5, 16, 18

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Ctry.	Patent	CI	Standards / Sections
CN	103887846	1, 6, 7	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.3, 4.6, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.2, 1.3, 1.5, 2.1, 2.1.1, 3.1.1, 3.1.2, 5.1.1.1, 11, Figs 3, 7 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.3, 2.2.6, 2.2.7, 2.2.10, 2.2.11, 2.2.13, 2.2.15-2.2.28, 2.2.29-2.2.34, 2.3.1-2.3.7, 2.4.1-2.4.12, 3.1-3.4
CN	104412517	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.2, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2, 5.2.2.1, 5.3, 5.3.1, 5.3.2, 5.3.2.1, Figs. 16, 21, 24, 30, Table 11
CN	104600869	106	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 5, 6.2, 6.6.5.6, 7, 7.3.7, 8.18.3, 9.4, Figs. 2, 4, 11, 28, 68, Tables 38, 47 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 5, 6.2, 6.6.5.6, 7, 7.3.7, 8.18.3, 9.4, Figs. 2, 4, 11, 28, 68, Tables 38, 47
CN	104704710	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.2.6, 5.1.4, 11.1, 11.4, 11.4.1, 11.4.3, 11.4.3.1, 11.4.3.2, Figs. 23, 24(e), 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27 and 30
CN	104937683	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1.8, 5.1.3.6, Fig. 33, Table 23 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 3.5.1.2, Fig. 263
CN	105006895	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.3, 5.1.3.2, 10, 10.1, 10.2, Figs. 18, 44, Table 63, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
CN	105281444	1	Qi Specification v.1.3.1 Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.6, 4, 4.2.1, 4.2.2, 5, 7, 8.5; Figs. 4, 11; Tables 3, 22 PTx Reference Designs: Secs. 47, 47.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.6, 4, 4.2.1, 4.2.2, 5, 7, 8.5; Figs. 4, 11, Tables 3, 22 PTx Reference Designs: Secs. 48, 48.2
CN	105914900	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.2.1, , 5.2.3.5, 10, 10.1, 11.3, Figs. 19, 44, Tables 11, 32, 63
CN	106160269	1	Qi Specification v.1.3.1 Power Delivery: Secs. 14, 15.2 Foreign Object Detection: Secs. 4, 4.1 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Figs. 140, 142, 143; Table 97 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 14, 15.2 Foreign Object Detection: Secs. 4, 4.2 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Figs. 91, 93, 94; Table 68
CN	106463973	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
CN	106575885	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 11.3, Annexes B.4, B.4.1, B.4.2, C.2
CN	106716780	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.6, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.3.3, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1

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Ctry.	Patent	CI	Standards / Sections
CN	106981930	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Commination's Physical Layer: Sec. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, Fig. 3 Communications Physical Layer: Sec. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1 Power Receiver Design Examples: Sec. 2.2 Power Transmitter Reference Designs: Secs. 10, 10.2
CN	107438934	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 PTx Reference Designs: Secs. 51, 51.1, 51.1.1; Figs. 203-205; Tables 138, 139 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 PTx Reference Designs: Secs. 52, 52.1, 52.1.1; Figs. 109-111; Tables 86, 87 Glossary: Sec. 1
CN	108233498	9	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 2, 3, 3.1 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, 8.15; Fig. 6 Power Delivery: Secs. 2, 15; Fig. 2 PTx Reference Designs: Secs. 54(MP-A9), 54.1.2; Figs. 221, 224 Mechanical, Thermal, and User Interference: Secs. 3.1 Foreign Object Detection: Secs. 2, 3, 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 2, 3, 3.1 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, 8.15; Fig. 6 Power Delivery: Secs. 2, 15; Fig. 2 PTx Reference Designs: Secs. 55(MP-A9), 55.1.2; Figs. 113, 116 Mechanical, Thermal, and User Interference: Secs. 3.1 Foreign Object Detection: Sec. 2, 3, 5.1 Glossary: Sec. 1
CN	109463026	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Secs. 15, 16.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 7, 8, 8.6, 8.15, 8.16, 8.18.3, 9.4; Figs. 2, 4, 28; Tables 23, 38, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Secs. 15, 16.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 7, 8, 8.6, 8.15, 8.16, 8.18.3, 9.4; Figs. 2, 4, 28; Tables 23, 38, 47

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Ctry.	Patent	CI	Standards / Sections
CN	110476362	6	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8, 8.6, 8.15, 9.4; Figs. 3, 28; Tables 5, 32, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8, 8.6, 8.15, 9.4; Figs. 3, 28; Tables 5, 32, 47
CN	110622392	6	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7, 7.1.3, 7.2, 7.2.1, 7.2.4.2, 8, 8.6, 8.15; Figs. 28, 46, 51; Tables 23, 32 PTx Reference Designs: Sec. 46; Fig. 180 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7, 7.1.3, 7.2, 7.2.1, 7.2.4.2, 8, 8.6, 8.15; Figs. 28, 46, 51; Tables 23, 32 PTx Reference Designs: Sec. 47; Fig. 95
CN	111989842	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 6 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 17, 8.15; Table 32 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 17, 8.15; Table 32 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 13
CN	112913109	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 1.5.1, 5, 6, 7, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables: 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 1.5.1, 5, 6, 7, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables: 18, 19, 21, 44, 45, 47
CN	113489172	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 4, 4.1, 5, 5.1, 5.1.1-5.1.5, 6, 8, 8.4, 8.10, 8.11, 9.4; Figs. 2, 4, 5, 11, 12, 21; Tables: 21, 47 Authentication Protocol: Secs. 4, 4.2, 7, 7.1; Fig. 2 Glossary: Secs. 1, 2

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Ctry.	Patent	CI	Standards / Sections
CN	113785469	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 NFC Tag Protection: Secs. 2.1, 2.1.1, 3, 4; Table 5 Communications Protocol: Secs. 6, 9.5; Fig. 21; Table 48 Glossary: Sec. 1
CN	115347688	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 8.9; Tables 2, 27 Foreign Object Detection: Secs. 4.1.2, 4.1.3, 4.1.4 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 8.9; Tables 2, 27 Foreign Object Detection: Secs. 4.2.2, 4.2.3, 4.2.4
CZ	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
CZ	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
CZ	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
CZ	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
CZ	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.2, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
CZ	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
CZ	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
CZ	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
CZ	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
CZ	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
CZ	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
DE	50 2010 015 269.5	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
DE	50 2012 016 638.1	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68
DE	50 2013 013 223.4	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2004 054 556.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2.1, 5.2.2, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Fig. 27, 30
DE	60 2005 044 966.3	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39
DE	60 2005 054 787.8	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
DE	60 2006 050 173.0	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10, 10.1, Figs. 16, 18, 19, Tables 29, 63
DE	60 2007 061 116.4	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
DE	60 2008 051 724.1	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35
DE	60 2008 059 400.9	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
DE	60 2008 059 963.9	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
DE	60 2009 049 204.7	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
DE	60 2009 052 981.1	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2009 059 136.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
DE	60 2009 064 545.5	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
DE	60 2010 000 292.6	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1, 10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Fig. 180
DE	60 2010 034 657.9	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
DE	60 2010 036 762.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
DE	60 2010 044 365.5	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
DE	60 2010 058 277.9	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
DE	60 2011 018 466.0	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2012 021 258.6	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2 Communications Protocol: Sec. 8.5, Table 22 Power Delivery: Secs. 2, 3, 3.1, 10, Figs. 2, 5, 11 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Power Receiver Design Examples: Sec. 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2 Communications Protocol: Sec. 8.5, Table 22 Power Delivery: Secs. 2, 3, 3.1, 10, Figs. 2, 5, 11 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13 Power Receiver Design Examples: Sec. 2.2
DE	60 2012 025 997.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
DE	60 2012 071 712.2	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
DE	60 2013 015 917.3	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11
DE	60 2013 043 744.0	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
DE	60 2013 072 389.3	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2013 074 008.9	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
DE	60 2015 001 552.5	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, Fig. 6 Power Receiver Reference Designs: Sec. 5.1.1, Fig. 12, Table 7 Power Transmitter Reference Designs: Secs. 2.2, 44, 44.1, 44.1.1, 44.2, Figs. 166, 167, 168, 170, Table 107
DE	60 2015 006 274.4	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, Fig. 4, Table 21 Communications Physical Layer: Sec. 3 Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
DE	60 2015 011 803.0	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
DE	60 2015 019 331.8	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, Fig. 4, Table 21 Communications Physical Layer: Sec. 3 Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
DE	60 2015 044 494.9	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
DE	60 2016 009 514.9	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
DE	60 2016 072 198.8	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Sec. 7.1; Figs 42, 43 Foreign Object Detection: Secs. 4, 4.1, 4.1.1 - 4.1.5; Figs. 3, 4 PTx Reference Designs: Secs. 2.2, 40 (B3), 40.1.1, 40.2, 40.2.1; Figs. 140, 142, 143 Mechanical, Thermal, and User Interface: Sec. 5.1
DE	60 2017 003 989.6	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
DE	60 2017 075 902.3	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2017 078 952.6	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 3, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
DE	C0 60 2017 084 035.1	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
DE	60 2018 076 890.4	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
DE	60 2019 050 705.4	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
DE	60 2019 061 251.6	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Power Delivery: Secs. 3, 3.2, and 4; Fig. 4 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Figs. 21 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DE	60 2019 061 811.5	11	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs. 2, 4, 43, 46, 51; Tables 23, 32, 43 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs. 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
DE	60 2020 037 767.0	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
DE	603 50 797.2	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103
DK	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
DK	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
DK	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
DK	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
DK	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
DK	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
DK	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
EE	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
EE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
EE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
EE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
EE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
ES	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
ES	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
ES	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
ES	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
ES	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
ES	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
ES	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
ES	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
ES	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
ES	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
ES	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
ES	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
ES	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
ES	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
ES	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
ES	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
ES	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
ES	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
ES	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FI	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
FI	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
FI	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
FI	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
FI	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
FI	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FI	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
FI	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
FI	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
FI	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
FI	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FI	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
FI	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
FI	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
FI	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FI	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
FR	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
FR	2,093,857	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FR	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
FR	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
FR	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
FR	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
FR	2,493,719	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
FR	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
FR	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
FR	2,685,594	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103
FR	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
FR	2,766,973	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FR	2,784,718	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
FR	2,836,885	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2
FR	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
FR	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
FR	2,882,070	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10. 10.1, Figs. 16, 18, 19, Tables 29, 63
FR	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
FR	3,007,849	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.2.3.5, 5.3.3.3, 11, 11.3, 11.3.1, 11.3.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2
FR	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FR	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
FR	3,285,195	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
FR	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
FR	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
FR	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
FR	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
FR	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FR	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
FR	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
FR	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
FR	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
FR	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
FR	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
FR	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
FR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
FR	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
GB	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
GB	2,093,857	1, 4	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3, 5.2.1, 5.2.3, 5.2.3.2, 5.2.3.5, 5.2.3.8, Fig. 16, Tables 28, 29, 32, 35
GB	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
GB	2,372,863	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39
GB	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
GB	2,394,350	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
GB	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
GB	2,416,599	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
GB	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
GB	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
GB	2,493,719	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 5, 8.11, 8.13; Fig. 11; Table 12
GB	2,522,128	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2.3 Communications Protocol: Secs. 2.1, 4, Figs. 2, 4 Power Delivery: Secs. 2, 16.1, 16.1.1, 16.1.3, Figs. 2, 19, 21
GB	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
GB	2,685,594	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 2.1, 2.3, representative power transmitter design B1: 2.3.1, 2.3.1.1.1, 2.3.1.1.2, Figs 151, 152, Table 103
GB	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
GB	2,766,973	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Figs. 1, 2 Power Delivery: Secs. 3, 3.6; Fig. 3 MPP System: Secs. 1.1, 1.1.1, 1.1.2, 1.2, 1.2.1, 5.1, 5.3, 5.3.1, 5.3.2, 5.3.3; Figs. 2.2.2:3, 2.2.2:6, 6.1:62, 6.3.2.1:68

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
GB	2,784,718	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.4.2, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
GB	2,836,885	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Secs. 1.2, 2.1, 2.3, 4, 4.2.1, 5, 7, Fig. 6 Power Transmitter Reference Designs: Secs. 1.2, 4.2
GB	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
GB	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
GB	2,882,070	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10. 10.1, Figs. 16, 18, 19, Tables 29, 63
GB	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
GB	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
GB	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
GB	3,285,195	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: 1 Introduction: Secs. 3.1, 3.2.1, 4.1, 4.5 Communications Physical Layer: 2 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.1, 4.2.2, 7, Figs. 2, 4, 5, 6 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
GB	3,300,213	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.3.6, 5.2.3.1, 5.2.3.8, 5.3.1, 5.3.2.3, 5.3.2.3.2, 5.3.3.3, 5.3.3.3.2, Figs. 4, 51, Tables 27, 54, 58, 60, Annex B, B.2, B.2.2, The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.3, 2.3.1, Fig. 150
GB	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
GB	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
GB	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
GB	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
GB	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
GB	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
GB	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
GB	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
GB	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
GB	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
GB	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
GB	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
GB	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
GR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
HU	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
HU	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
HU	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
HU	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
HU	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
HU	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
HU	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
HU	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
IE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
IT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
IT	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
IT	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
IT	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
IT	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
IT	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
IT	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
IT	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
IT	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
IT	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
IT	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
IT	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
IT	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
IT	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
IT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
IT	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
IT	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
IT	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
IT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
IT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
IT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
JP	5,013,019	1	Qi Specification v.1.3.1 Glossary: Sec.1 NFC Tag Protection: Secs. 4.1.2, 5.2; Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec.1 NFC Tag Protection: Secs. 4.1.2, 5.2; Fig. 3

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
JP	5,059,720	8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, Fig. 10 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 5.1.2.3, 5.1.2.6, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.2.2, 5.2.3.8, Figs. 16, 17, Tables 26, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, A2, B3, Fig. 6
JP	5,172,050	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Sec. 8.5 Introduction: Sec. 4.2 Power Delivery: Figs. 2, 5 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 25 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.5 Introduction: Sec. 4.2 Power Delivery: Figs. 2, 5 Power Transmitter Reference Designs: Secs. 10, 10.2, Fig. 13
JP	5,393,804	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2.13, 2.2.13.1.1, 2.2.13.2, Figs. 39, 41, 42
JP	5,449,407	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 4.2.2, 4.2.3, 4.2.5, 5.1.5, Figs. 4, 5, 13, Table 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 4.2.2, 4.2.3, 4.2.5, 5.1.5, Figs. 4, 5, 13, Table 11
JP	5,584,805	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 2.1, 4, 4.1, 4.2.2, 7, Figs. 2, 5 Power Delivery: Secs. 2, 3, 3.6, Fig. 3
JP	5,623,536	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.5 Communications Protocol: Sec. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5 Communications Protocol: Sec. 3
JP	5,635,423	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 4.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.1, 5.1.2, 10.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.3.6, 2.3.6.2, Fig. 174
JP	5,651,724	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.2.4, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.1.2.6.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.1, 5.2.3.3, 5.2.3.5, 5.2.3.8, 5.2.3.10, 5.3.1, 5.3.1.6, Figs. 17, 26, Tables 27, 30, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, e.g., Secs. 1.3, 2.1, A14, A19, A21
JP	5,932,743	2	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.15.1.2.2, 5.1.1., 5.1.2.3, 5.2.3.1, 5.1.2.6, 5.2.3.3 Figs. 5, Annexes B.2, B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.3.1.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
JP	5,963,007	4	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 7.3.4 and 8.7; Figs. 5 and 63 Power Delivery: Secs. 3 and 3.6 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 7.3.4 and 8.7; Figs. 5 and 63 Power Delivery: Secs. 3 and 3.6
JP	5,988,146	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Glossary: Sec. 1 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 NFC Tag Protection: Secs. 4.1.2, 5.2, Fig. 3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1, Fig. 3 Glossary: Sec. 1 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 NFC Tag Protection: Secs. 4.1.2, 5.2, Fig. 3
JP	6,061,014	1	Qi Specification v. 2.0 (Apr. 2023) Introduction: Secs. 3.1, 3.2.1.3, 3.2.1.6, 3.3.1.1; Fig. 3 MPP System: Sec. 3.2.1.1; Fig. 4.2.1.1:7
JP	6,160,880	1	Qi Specification v.1.3.1 Power Delivery: Secs. 2, 3, 3.1, 3.2, 3.3, and 3.6; Figs. 2 and 3 Communications Physical Layers: Sec. 2.1 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 3, 3.1, 3.2, 3.3, and 3.6; Figs. 2 and 3 Communications Physical Layers: Sec. 2.1
JP	6,362,001	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.4, 5.1.3.1, 5.1.3.2, 5.1.3.3, 5.1.3.4, 9, 13.1, Fig. 18 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, <i>in passim</i>
JP	6,497,614	1	Qi Specification V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4.5, 8.4; Fig. 5; Table 21 Power Delivery: Secs. 2, 15.1, 16.1; Fig. 2 PTx Ref Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2; Figs. 147, 148
JP	6,497,717	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 9.4, Figs. 2, 3, 21, 24, 28, 68, Tables 35, 36, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 9.4, Figs. 2, 3, 21, 24, 28, 68, Tables 35, 36, 47 Power Delivery: Sec. 7
JP	6,542,964	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Physical Layer: Secs. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1, Fig. 19 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Physical Layer: Secs. 2, 2.1 Communications Protocol: Sec. 4 Power Delivery: Secs. 15.2, 16.1, 16.1.1, Fig. 19

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
JP	6,741,985	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Sec. 15.2 Power Transmitter Reference Designs: Sec. 40.1.1; Fig. 140, Table 97 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 15.2 Power Transmitter Reference Designs: Sec. 40.1.1; Fig. 91, Table 68
JP	6,748,249	21	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 3, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 3, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
JP	7,054,852	10	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Mechanical, Thermal, and User Interface: Secs. 3.1, 4, 5.1 Power Delivery: Secs. 1, 2, 15, Fig. 2 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, Figs. 6, 41 Foreign Object Detection: Sec. 3 NFC Tag Protection: Sec. 2.2.1 Power Transmitter Reference Designs: Sec. 48, Fig. 189 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Mechanical, Thermal, and User Interface: Secs. 3.1, 4, 5.1 Power Delivery: Secs. 1, 2, 15, Fig. 2 Communications Protocol: Secs. 4.2.1, 7, 7.3.4, 7.3.7, 8.7, Figs. 6, 41 Foreign Object Detection: Sec. 3 NFC Tag Protection: Sec. 2.1.1 Power Transmitter Reference Designs: Sec. 49, Fig. 104
JP	7,278,356	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.6.1 NFC Tag Protection: Secs. 4, 4.3, 4.3.1, 4.3.2, Table 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.6.1 NFC Tag Protection: Secs. 4, 4.3, 4.3.1, 4.3.2, Table 5
JP	7,336,581	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 3.1, 4, 4.3, 5, Table 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 4, 4.3, 5, Table 5

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
JP	7,413,594	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Sec. 6.1 NFC Tag Protection: Secs. 2, 2.1, 3.2, and 4 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6.1 NFC Tag Protection: Secs. 2, 3, 4
JP	7,423,551	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 2.1, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 23, and 25 Foreign Object Detection: Sec. 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 2.1, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 23, and 25 Foreign Object Detection: Sec. 5
JP	7,449,083	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 1 Communications Protocol: Fig. 4 Foreign Object Detection: Sec. 4.1; Fig. 18; Annex B.1
JP	7,467,716	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 3.1, 4, and 5 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 21 NFC Tag Protection: Secs. 3, 4, and 5
JP	7,469,534	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 2.2.1, 4.1.3, 6, 6.6, 6.6.1, 6.6.5.3, 7 and 8.9; Figs. 21, 25, and 27; Tables 27 and 40 Foreign Object Detection: Secs. 4 and 4.1.3 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 2.2.1, 4.1.3, 6, 6.6, 6.6.1, 6.6.5.3, 7 and 8.9; Figs. 21, 25, and 27; Tables 27 and 40 Foreign Object Detection: Secs. 4 and 4.2.3
JP	7,496,459	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1, 1.2, 6, 6.6.5.3, 7, and 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4 and 4.1.3 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1, 1.2, 6, 6.6.5.3, 7, and 8.9; Figs. 21, 22; Table 27 Foreign Object Detection: Secs. 4 and 4.2.3
JP	7,514,110	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 2 and 8.15 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2 and 8.15 Foreign Object Detection: Secs. 5.2.2, 5.2.3; Fig. 12
JP	7,525,564	1	Qi Specification v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 8.9; Fig. 21; Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 8.9; Fig. 21; Table 27

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
JP	7,538,915	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 11 NFC Tag Protection: Secs. 3.2, 4, 4.3.2, and 4.3.3.2 Qi Specification v.2.0 (Apr. 2023) Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Fig. 11 NFC Tag Protection: Secs. 3.2, 4, 4.3.2, and 4.3.3.2
JP	7,592,830	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 7, 8.15; Table 32 Foreign Object Detection: Sec. 5.2.2; Fig. 14 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1. Communications Protocol: Secs. 7, 8.15; Table 32 Foreign Object Detection: Sec. 5.2.2; Fig. 15
JP	7,614,725	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Fig. 2 Foreign Object Detection: Annex B.2.1 MPP System: Secs. 6.2.1, 6.3.8.1
JP	7,614,750	1, 7	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Sec. 5; Fig. 11 Power Delivery: Sec. 16.1.2
JP	7,624,045	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 2 MPP System: Secs. 3.2.3, 3.3.1, 7.1.4; Fig. 12
JP	7,630,234	1	Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2, 6.1, and 8.15 Power Delivery: Sec. 3.2; Fig. 3 Foreign Object Detection: Secs. 5.2.3.2, 5.2.3.3; Fig. 13
KR	859,445	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 3.1, 3.1.2, 5.2, 5.2.1, 5.2.3.5, 5.3, 5.3.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1, 3.1.2, Fig. 226
KR	874,837	5	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.1.1, 5.1.2.6, 5.1.3.4.2, 5.1.3.4.2.4, 5.1.3.6, 5.2.3.2, 5.2.3.5, 6, 6.1, 9, Figs. 16, 18, Table 29
KR	915,842	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 2.2.33, 2.2.33.1, 2.2.33.1.1, Fig. 138, 139, 140, 141, 142, Table 99
KR	928,439	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 5.1.1, Annex B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 2.2.33, 2.2.33.1, 2.2.33.1.1, Fig. 138, 139, 140, 141, 142, Table 99
KR	971,701	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, 4.5, Figs. 4, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.2, 5.1.2.6, 13, 13.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.2.21.1.1, 2.2.32.1.1, 2.2.33.1.1, 2.3.2, A2, A14, A19, A21, B1, Figs. 3-73, 141(c), 142

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
KR	971,737	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 5.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.2.3, 5.2.3.2, 5.2.3.5, Figs. 16, 24, Tables 11, 14, 28, 29, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.1, A2, A14, A19, A21, B1, Fig. 141(c)
KR	971,748	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.2.4, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.1, 5.2.3.2, 5.2.3.5, Fig. 7, Tables 28, 29, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, e.g., A2, B2
KR	976,120	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.4, 5.1.3, 5.1.3.2, 5.1.3.4.2.4, 5.2, 5.2.1, 5.3, 5.3.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.14, Fig. 48
KR	976,163	8	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.2.3, 5.2.3.8, 10, 10.1, B.2, B.2.1, Fig. 50 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.4, 2.2.4.1, 2.2.4.1.1, 2.2.4.1.2, Figs. 10, 11, 12, 13
KR	1,037,432	1, 6	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 2, 4, 4.1, 4.1.3, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 5.1, 5.1.5, Figs. 4-8, 10, 13, Table 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 2, 4, 4.1, 4.1.3, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5, 5.1, 5.1.5, Figs. 4-8, 10, 13, Table 11
KR	1,179,126	1, 5	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Physical Layer: 2, 2.4, Fig. 5 Communications Protocol: Sec. 2.3 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Physical Layer: 2, 2.4, Fig. 5 Communications Protocol: Sec. 2.3
KR	1,304,314	1	Qi Specification v.2.0 (Apr. 2023) PTx Ref. Designs: Secs. 40, 40.2; Figs. 90, 93 Foreign Object Detection: Annex B. 2.2; Fig. 20
KR	1,350,312	1	Qi Specification v.2.0 (Apr. 2023) NFC Tag Protection: Secs. 1.2, 4.1, 4.1.1, 4.2, 4.2.2; Figs. 2, 6 PTx Ref. Designs: Sec. 60, 60.2; Figs. 128, 132
KR	1,434,416	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, 3.2.2 Power Transmitter Reference Designs: Secs. 44, 44.2, 44.2.1, Figs. 173, 177, 179
KR	1,552,480	1	Qi Specification v.1.3.1 (August 2021) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, and 4.5 Communications Protocol: Secs. 3, 8, 8.11, 9, 9.7; Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3, 3.1, and 4.5 Communications Protocol: Secs. 3, 8, 8.11, 9, 9.7; Table 29
KR	1,601,909	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 4, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 2, 3, 4, 5, 11, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 4, 6, 6.2, 7, 8.18, 8.18.3, 9.4, Figs. 2, 3, 4, 5, 11, 21, Tables 35, 36, 38, 47 Power Delivery: Sec. 7

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
KR	1,653,759	20	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.2, 1.5, 5.1.1, 5.1.2.2, 5.1.3.2, 10. 10.1, B.2, B.2.1, B.2.2, Figs. 19, 44, 50, 51, Tables 8, 63 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.2, 2.2.6, 2.2.6.1, 2.2.6.1.1, Fig. 17
KR	2,108,502	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 6, 6.6.5.1, 6.6.5.6, 7, 8.10, 8.18.3, 9.4, Figs. 2, 3, 22, 24, 28, Tables 28, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 2.2.1, 6, 6.6.5.1, 7, 8.10, 8.18.3, 9.4, Figs. 2, 3, 22, 24, 28, Tables 28, 38, 47 Power Delivery: Sec. 7
KR	2,136,667	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.1.3.6, 5.2.3.7, 5.2.3.11, 11.4 11.4.1, 11.4.2, 11.5, Figs. 5, 16, 47
KR	2,205,359	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.1.3.6, 5.2.2, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, 11.4.2, 11.5, Figs. 5, 16, 41, Table 34, 39
KR	2,211,665	13	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 5.1.1, 5.1.3.3, 5.2.2, 5.2.3.7, 11, 11.2, 11.5, Figs. 4, 16, 48, Table 34
KR	2,338,396	11	Qi Specification v.1.3.1 (Aug 2021) Communications Protocol: Secs. 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3 and 8.9; Figs. 21, 22, 23, and 25; Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3 and 8.9; Figs. 21, 22, 23, and 25; Table 27
KR	2,509,314	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.1, 6.6.5.3, 7, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.1, 6.6.5.3, 7, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5
KR	2,592,807	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 4.1 Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 4.1 Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27
KR	2,617,560	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Foreign Object Detection: Secs. 4.1.2, 4.1.3; Fig. 5 Power Delivery: Sec. 3; Fig. 3 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9; Figs. 21, 22, 23, and 25; Table: 27 Foreign Object Detection: Secs. 4.2.2, 4.2.3; Fig. 5 Power Delivery: Sec. 3; Fig. 3

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
KR	2,644,912	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, and 8.9; Figs. 22, 23, 24, and 26; Tables: 24 and 27 Foreign Object Detection: Secs. 4.1.2; Fig. 5 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, and 8.9; Figs. 22, 23, 24, and 26; Tables: 24 and 27 Foreign Object Detection: Secs. 4.2.2; Fig. 5
KR	2,678,518	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Secs. 2.2.1, 3, 3.1, and 4; Tables 5 and 6 Qi Specification, V.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Secs. 2.2.1, 3, and 4; Tables 5 and 6
KR	2,719,208	15	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.5, and 8.9; Figs. 3, 21, 22, 23, and 25; Tables 22 and 27 Power Delivery: Secs. 2, 3, 3.2, and 3.3; Figs. 2 and 4 Foreign Object Detection: Secs. 5.2 and 5.2.2; Fig. 12 PRx Design Examples: Secs. 3.2, 5.2, and 6.2; Figs. 8, 14 and 17
KR	2,764,634	1	Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Communications Protocol: Secs. 2, 6, 8.9; Fig. 21; Table 27 Foreign Object Detection: Secs. 2, 4, 4.2, 4.2.2, 4.2.3; Figs. 4, 6
LI	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
LI	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
LI	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
LI	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
LI	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
LI	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
LI	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
LI	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
LI	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
LI	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
LT	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
LT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
LT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
LT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
LU	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
LU	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LU	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
LU	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
LU	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
LV	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
LV	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
LV	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
LV	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
LV	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
MT	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
MT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
MT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
MT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
MT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
NL	2,066,000	10, 11	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 3, 3.1.1, 3.1.2, 3.1.3, 3.1.7, 5.1, 5.1.1, 5.1.3.2, 5.1.3.3, 5.2.1, 5.2.3.5, 5.2.3.8, Figs. 4, 5, 17, Tables 33, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.2.2, Fig. 255
NL	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
NL	2,372,863	1, 11	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.6, 5.2.3.4, 5.2.3.11, 11.4, 11.4.1, Fig. 47, Tables 31, 39
NL	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
NL	2,394,350	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 4, 4.2.1, 4.2.2, 8.17, Figs. 2, 4, 6, Table 34
NL	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
NL	2,416,599	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, 4.5, Fig. 4 Communications Protocol: Secs. 4, 4.2.1, 8.17, Figs. 4, 6, Table 34 Power Delivery: Sec. 16.1
NL	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
NL	2,683,051	5	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 4, 5.1, 5.1.2, 5.1.6.1, 7.1, 7.1.1, 8.3, 8.5, 8.11, Figs. 4, 12, 14, 42, Tables 20, 22, 29 Power Delivery: Sec. 10, Fig. 13
NL	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
NL	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
NL	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
NL	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
NL	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103
NL	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
NL	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
NL	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
NL	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
NL	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
NL	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
NL	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
NL	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2, 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
NL	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
NL	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
NL	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
NO	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
NO	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
NO	4,221,094		Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PL	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
PL	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
PL	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
PL	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
PL	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
PL	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
PL	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
PL	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
PL	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
PL	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
PL	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
PL	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PT	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
PT	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
PT	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
PT	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
PT	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
PT	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
RO	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
RO	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
RO	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
RO	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22
RO	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
RO	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
RO	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
SE	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
SE	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
SE	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
SE	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
SE	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
SE	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
SE	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40
SE	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
SE	3,185,262	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 47, 47.2, Fig. 188 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 1, 1.6, 7, and 8.5; Fig. 21 PTx Reference Designs: Secs. 48, 48.2, Fig. 103

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
SE	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Objection Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1
SE	3,389,191	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
SE	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
SE	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
SE	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
SE	4,044,401	1	Qi Specification v.1.3.1 (Aug. 2021) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.2, 2.2.1, 3, 3.1, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Tables 5 and 6 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 2 Introduction: Secs. 3.1, 4.2 NFC Tag Protection: Secs. 1.2, 2.1, 2.1.1, 3, 4, 4.3, 4.3.2, 4.3.2.1.1, and 4.3.3.2; Table 5 Communications Protocol: Secs. 2.1, 4, 4.1, 4.1.3, 6.6, 6.6.1, 6.7.3; Figs. 2, 5, and 22

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
SE	4,138,309	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 1.5.1, 2.1, 5, 6, 7.2, 7.2.1, 8.1, 8.2, 8.4, 9.1, 9.2 9.4; Figs. 2, 11, 21, 46; Tables 18, 19, 21, 44, 45, 47
SE	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
SE	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
SE	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
SI	C0 3,335,926	11	Qi Specification v.1.3.1 Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 54, 54.1.1, and 54.1.3; Figs. 221 and 224 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 and 4.6 Communications Protocol: Secs. 4.2.1, 7, 7.3.7, and 8.9; Fig. 6 Power Delivery: Secs. 2 and 15; Fig. 2 Foreign Object Detection: Secs. 2 and 3 PTx Reference Designs: Secs. 55, 55.1.1, and 55.1.3; Figs. 113 and 116 Mechanical, Thermal, and User Interface: Sec. 5.1 Glossary: Sec. 1

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
SI	3,829,027	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 1, 6, 6.6.1, 6.6.5.3, 6.7.2, 7, and 8.9; Fig. 21 Power Delivery: Secs. 3, 3.2; Fig. 4 Foreign Object Detection: Sec.4
SI	4,195,452	4	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1; Fig. 6 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1; Fig. 3 Communications Protocol: Secs. 2.1, 4, 7, 7.1, 8.15; Figs. 2, 4, 43; Table 32 Foreign Object Detection: Secs. 5, 5.2.2, 5.2.3; Figs. 11, 12
SI	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
SI	4,250,524	11	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 6.6.5.6, 7.1, 7.1.3, 7.2, 7.2.1, 7.2.3, 7.2.4.2, 8.6, 8.15, 9; Figs 2, 4, 43, 46, 51; Tables 23, 32, 43 Communications Physical Layer: Sec. 3.5; Fig. 11
SK	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
SK	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
TR	2,357,715	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.1, 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.6, 5.1.2.6.1, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3.1, Fig. 28, Table 27, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.2.13, 2.2.13.1, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, Figs. 43, 45, 46
TR	2,375,532	7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.6, 5.2.3.3, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.4, 11.4.1, Figs. 16, 17, 47, Tables 30, 31, 34, 39 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
TR	2,403,100	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.2.1, 5.2.2, 5.2.2.1, 5.3.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
TR	2,436,096	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 5.1.1, 10, 10.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.2.6.1.1, Figs. 15, 17
TR	2,446,600	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
TR	2,689,512	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 6, 7 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: 7, 7.3.3, 8, 8.4, Fig. 62, Tables 17, 21 Foreign Object Detection: Secs. 5.1.1, Figs. 7, 8 Power Delivery: Sec. 2, Fig. 2
TR	2,867,997	17	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, , Figs. 16, 18, Table 11
TR	2,880,736	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Fig. 2, Tables 5, 25, 36, 40

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
TR	2,909,917	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 8, 8.15, Fig. 2, Tables 4, 17, 32 Foreign Object Detection: Secs. 5.1.2, 5.2, 5.2.1, Figs. 9, 12 Power Delivery: Sec. 2, Fig. 2
TR	3,123,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Fig. 27
TR	3,403,313	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2.10, Figs. 27, 30
TR	3,407,466	1	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.2.5, 5.2.1.5, 11.3, 11.3.2, 11.4.3, 11.4.3.2, Fig. 23 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
TR	3,487,028	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.16, 5.1, 5.1.1, 5.1.2.1, 5.1.2.2, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10, Figs. 16, 18, 19, Tables 8, 34 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.13.2
TR	3,640,836	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.5, 3.1, 3.1.1, 3.1.6, 3.2.4, 5.1, Figs. 4, 6, 16, Table 7, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2, Figs. 251, 255, 258, 261, 264
TR	3,972,088	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 2.2, 4, 6.6.5.6, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4
TR	4,221,094	6	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 2.2, 2.2.1, 4, 6.6.5.6, 7, 8.6, 8.15, 9.4; Figs 3, 4, 28; Tables 5, 23, 32, 47 Power Delivery: Sec. 11.1 Communications Physical Layer: Sec. 3.5; Fig. 11
US	7,385,357	6	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.11, 5.1.2.6.1, 5.2, Fig. 17
US	7,825,625	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.5, Fig. 4 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.2, 5.1.1, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.3.1, Figs. 16 and 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.2.2, Fig. 6
US	7,868,587	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.6, 5.2.1, 5.2.2.1, 5.3.2.1, 11.1, 11.2, Figs. 4, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1, 3.1.2, 3.2, 3.3, 3.4, Figs. 251, 255, 258, 261

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Ctry.	Patent	CI	Standards / Sections
US	8,004,235	22	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.4, 3.2.1, 5.1.1, 5.1.2.6.1, 5.1.3.6, 5.2.1, 5.2.2.1, 5.2.3.2, 5.2.3.8, 5.1.1.1, Figs. 4, 17, Tables 28, 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1.2, Figs. 251, 255, 258, 261
US	8,097,984	20	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1.4, 5.2.1, 5.2.2.1, 5.2.2.3, 5.2.3.7, 5.2.3.8, 5.1.1.1, Figs. 16, 18, Tables 34-36 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.11.1, 2.2.11.2, Figs. 31 and 34
US	8,188,854	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.4, 5.2.1, 5.2.2.1, 5.2.2.2, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.2.11.1 Fig. 31
US	8,258,653	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.3, 5.1.2.3.1, 5.1.2.6, 5.1.2.6.1, 3.2.4, 10, 10.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, 2.1, 2.3.6, 2.3.6.2, 2.3.6.3, Fig. 180
US	8,290,463	1, 3, 6, 7	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Secs. 1.5, 4, 4.2, Figs. 29, 49, 52, 53, 54, 55, Annex B The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.10, Figs. 27, 30
US	8,299,753	1, 15	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Sec. 1.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.3.1, 2.4.6, Figs. 16, 17, 151, 152, 161, 162, 164, 210, 211, 212, Tables 8, 108, 145, 146
US	8,344,552	42	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 3.2.4, 5.1.3.6, 5.2.2.4, Fig. 10
US	8,406,165	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1, Fig. 6 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Power Reference Transmitter Designs: Secs. 2.1, 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Communications Protocol: Secs. 2.3, 4, 4.1, 5, 5.1, Figs. 4, 5, 12, 13 Power Reference Transmitter Designs: Secs. 2.1, 2.2
US	8,427,011	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, 4.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.2, 5.1.2.6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 2.2, 2.2.21.1.1, 2.2.32.1.1, 2.2.33.1.1, 2.3.1.1.2, 2.3.2, Figs. 3-73, 24, 67, 76, 107, 124, 130, 131, 137, 141, 141(c), 142, 145, 146, 152, 159, 166, 173
US	8,446,046	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1, 5.1.2.2, 5.1.2.1, 5.1.2.3, 5.1.3, 5.1.3.2, 5.1.3.3, 5.2.3.7, 10
US	8,471,410	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.4, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1.1, 3.1.1, 3.2.4, 8.1, Figs. 3, 6, 10, 43 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2.1.2, 2.2.2.2, 3.1.1.2, Figs. 5, 6, 225
US	8,519,668	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Sec. 1.5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, 2.3.1, 2.4.6, Figs. 16, 17, 18, 151, 152, 162, 164, 210, 211, 212, Tables 8, 108, 145, 146
US	8,552,593	1, 12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 3.2.2, 3.2.2.1, 5.1.1, 5.1.2.2, 5.1.2.6.1, 5.1.3, 5.1.3.6, 5.2, 5.2.1, 5.2.2.1, 5.2.2.2, 5.2.2.3, 5.2.3.4, 5.2.3.5, 5.2.3.6, 10, 10.1, 10.2, Figs. 16, 17, 19, 24, 35, 36, Tables 8, 24
US	8,554,165	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.2, 5.2.2, 5.2.2.1, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 3.1, 3.2, 3.5, Figs. 251, 255, 264

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Ctry.	Patent	CI	Standards / Sections
US	8,558,412	1, 3, 15	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 4.2 Glossary: Sec. 1 ("Operating Point") Communications Protocol: Secs. 7, 7.3.2, 8.5; Fig. 62; Table 22 Power Delivery: Secs. 2, 3, 3.4, 7, 10; Figs 2, 3, 11; Table 11 Qi Specification v.2.0 (Aug. 2023) Introduction: Sec. 4.2 Glossary: Sec. 1 ("Operating Point") Communications Protocol: Secs. 7, 7.3.2, 8.5; Fig. 62; Table 22 Power Delivery: Secs. 2, 3, 3.4, 7, 10; Figs 2, 3, 11; Table 11
US	8,587,154	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.1.1, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, 2.3.1, 2.3.1.1.1, 3.1, 3.1.2, Figs. 30, 150, 151, 153, 251
US	8,618,697	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.5, 5.1.1.1, 5.1.3.3, 5.2.1, 5.3.1, 5.3.3.2, 5.3.3.3, Figs. 4, 18, Tables 57, 58
US	8,620,484	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 5.1.1.1, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.1, 11.4.1, Figs. 3, 4, 47, Table 31 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.1.3, 2.2.10.2, Figs. 27, 30
US	8,629,578	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1, 3, 3.1.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5.3.1.1, 3.2.4, 5.1.3.6, 5.2.3.2, Figs. 6, 10, Table 29 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.2, Figs. 3, 6
US	8,664,914	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 4.5, 10, Annex B.3, Fig. 53 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.1.4, Fig. 3
US	8,724,277	6	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Secs. 2, 3 Power Delivery: Secs. 2, 16.1.3, 16.1, Figs. 2, 21 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Secs. 2, 3 Power Delivery: Secs. 2, 16.1.3, 16.1, Figs. 2, 21
US	8,760,010	8, 17	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1.1, 3.2.1, 3.2.4, 5.1.2.6, 5.1.2.6.1, 5.1.3.6, 5.2.3.3, Fig. 4, Table 30 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.3
US	8,831,513	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.2.1, 2.2.11.1.2, Figs. 31, 34
US	8,843,095	11	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.3, 4.5 Communications Physical Layer: Secs. 2, 2.1, 2.4, Fig. 2 Communications Protocol: Secs. 4, 4.1, 4.1.3, 5.1.6.1, 7.1, 7.1.1, 7.1.6.2, 7.3.2, 7.3.6, 8.7, Figs. 5, 13, 43, 45 Foreign Object Detection: 5.2.3 Power Delivery: Sec. 2, 15, 16.1, 16.1.1, Fig. 2 Power Transmitter Reference Designs: Sec. 41.2, Fig. 147

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Ctry.	Patent	CI	Standards / Sections
US	8,873,646	1	Qi Specification v.1.3.1 Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8, 8.1, 8.11, 8.13; Table 29 Qi Specification v.2.0 (Apr. 2023) Glossary: Sec. 1 Introduction: Secs. 3.1, 4.5 Communications Protocol: Secs. 3, 8, 8.1, 8.11, 8.13; Table 29
US	8,914,080	1, 12	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.2, 5.1.2.3.1, 5.2.3, 5.2.3.1, Figs.16, 17
US	8,952,655	1	Qi Specifications v.2.0 (Apr. 2023) Communications Protocol: Secs. 2.1, 5, 5.1, 8.4, 9.4, 9.6; Figs. 2, 11, 12; Tables: 21, 47, 49 Power Delivery: Sec. 3; Fig. 4
US	9,001,922	12	Qi Specification v.1.3.1 Introduction: Sec. 2; Fig. 2 Power Transmitter Reference Designs: Sec. 40; Fig. 139 Communications Protocol: Secs. 3, 4, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5; Figs. 4, 6, 7, and 9; Table 11 Power Delivery: Secs. 3, 15, 15.1, and 16.1; Figs. 4, 18; Table 14 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 2; Fig. 2 Power Transmitter Reference Designs: Sec. 40; Fig. 90 Communications Protocol: Secs. 3, 4, 4.2, 4.2.1, 4.2.2, 4.2.3, 4.2.5; Figs. 4, 6, 7, and 9; Table 11 Power Delivery: Secs. 3, 15, 15.1, and 16.1; Figs. 4, 18; Table 14
US	9,130,395	7	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 2.1.1, 3.1, 5.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.2, 5.2.3.1, 5.2.3.3, 11.3, 11.4.1, 11.5, B.2, B.2.1, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.4, 2.2.6, 2.2.13, 2.2.14, 2.2.19, 2.2.21, 2.2.28, 2.2.32, 2.2.33, 2.2.34, 2.3.1-2.3.7
US	9,142,995	6	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 1.5, 3.2.4, 5.1.1, 5.2.1, 5.2.2, 5.2.3, 5.2.4, 6.3.3, Figs.10, 16, 17, Tables 6-7, 26, 35
US	9,154,002	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 5.2.2.1, Fig. 35 The Qi Wireless Power Transfer System, Power Class 0 Spec, Part 3, V. 1.2.4:Feb 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.23, Figs. 88, 91
US	9,178,376	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1, 5.1.1, 5.1.3.2, 5.2.3.1, 11.1, B.2.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.2, 2.2.13, 2.2.13.1.1, 2.2.13.1.2, 2.2.13.2, 2.2.32, 2.2.33, 2.2.34, 2.3.1, 2.3.2, Figs. 39, 41, 42
US	9,224,533	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 3.1, 16.3, 16.3.2, and 10; Figs. 2, 11 Power Transmitter Reference Designs: Secs. 15, 15.2; Figs. 34, 37 Power Receiver Reference Designs: Secs. 4, 4.2; Fig. 11 Introduction: Secs. 3.1, 4.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	9,283,863	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1; Fig. 5 Communications Protocol: Secs. 1, 2, 2.1, 2.2.1, 7; Fig. 2 Power Delivery: Secs. 11, 11.1 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 2 Communications Protocol: Secs. 1, 2, 2.1, 2.2.1, 7; Fig. 2 Power Delivery: Secs. 11, 11.1 Glossary: Sec. 1
US	9,318,912	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4 :Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, 3.1.2, 3.1.3, 3.1.4, 3.1.6, 5.1.3.1, Fig. 6, Annex B.3
US	9,319,494	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3 Communications Protocol: Sec. 7 Power Transmitter Reference Designs: Secs. 41.1, 41.1.1, Fig. 145
US	9,331,526	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 11.1, 11.4.1, Figs. 18, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 30
US	9,362,779	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.1.1, 5.1.2.2, 5.1.2.6, 5.1.3.6, 5.2.3.2, 10, 10.1, Figs. 16, 18, 19, 44, Tables 29, 63
US	9,401,623	1	Qi Specification v.1.3.1 (August 2021) Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 5.1, 8.4; Figs. 2 and 12; Table 21 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Sec. 3; Fig. 4 Communications Protocol: Secs. 2.1, 5.1, 8.4; Figs. 2 and 12; Table 21
US	9,419,478	13	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.2.4, 5.1.1, 5.1.3.6, 5.2.3.3, 11.4.2, 11.5, Table 7 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.2.20.2
US	9,438,069	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 2, 3, 3.1.2, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5, 10, Fig. 18, Annex B.4.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.15, 2.2.15.1.4, Fig. 53
US	9,490,654	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 11.4, 11.4.1, 11.4.3, 11.4.3.1, Figs. 23, 47
US	9,520,738	1	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3, 2.1.1, 3.1.1
US	9,524,822	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.4, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27, 30
US	9,531,197	12	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 1.2, 1.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.2.1, 5.1.1, 5.1.2.2, 10, Fig. 16, Annex B.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2, 2.3, A14, A19, A21
US	9,564,263	1	Qi Specification v.1.3.1 PTx Reference Designs: A14, Secs. 17, 17.1.1, 17.1.2; Fig 46 Qi Specification v.2.0 (Apr. 2023) PTx Reference Designs: A14, Secs. 17, 17.1.1, 17.1.2; Fig 30

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	9,607,757	22	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1, Fig. 6 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Secs. 2.1.1, 2.1.2, Figs. 2, 3, Table 4 Qi Specification, V. 2.0 Introduction: Secs. 3, 3.1, Fig. 3 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Secs. 2.1.1, 2.1.2, Figs. 2, 3, Table 4
US	9,608,474	1, 9	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1.4, 3.1.5, 5.2, 5.2.1, Figs. 4, 5, 6, 16, 18
US	9,685,817	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 3.1.1, 4.2, 5.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.6, 5.2.1, 5.2.3.2, 5.2.4.5, 10, 10.1, Fig. 16, Tables 28, 32, 35 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2, 2.2.1, 2.2.10.2, Fig. 30
US	9,735,836	18	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.1.1, 5.1.2, 5.1.2.2, 5.1.2.3, 5.1.2.3.1, 5.1.3.2, 5.1.2.4, 5.1.3.3, 5.1.3.4, 5.2, 5.2.1, 5.2.2.1, 5.3.1, 5.3.2.1, Figs. 16, 18, Table 11
US	9,762,091	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 4, 4.1, 5, 5.1.3, 8.4, 8.14, Figs.4, 5, Tables 21, 31. Power Delivery: Secs. 2, 5.2, 15, 15.1, 16.1, Figs. 2, 8 Power Transmitter Reference Designs: 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
US	9,762,092	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.1, 11.4.2, 11.5, Fig. 48
US	9,843,230	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, 4.1, 4.2, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.2.4, 5.1.1, 5.1.1.1, 5.1.2.2, 5.1.2.3, 5.1.2.4, 5.1.2.4.1, 5.1.2.6, 5.1.2.7, 5.3.1, Figs. 10, 16, 18, 19, 20, 21, 22, 24, 25 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, Fig. 3
US	9,912,188	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 5.2.2.1, Figs. 10, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Fig. 251
US	9,923,603	1	Qi Specification, V.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 4, 4.1, 4.1.1, 5, 6.5, 6.5.1, 7, 8.19, Figs. 5, 23, Table 42 Power Reference Transmitter Designs: Secs. 2.1, 2.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 4, 4.1, 4.1.1, 5, 6.6, 6.6.1, 7, 8.19, Figs. 5, 22, Table 42 Power Reference Transmitter Designs: Secs. 2.1, 2.2
US	9,941,048	1	Qi Specification, v.1.3.1 (August 2021) Introduction: Sec. 3.1, Fig. 6 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3 Qi Specification, V. 2.0 Introduction: Sec. 3.1, Fig. 3 Glossary: Sec. 1 NFC Tag Protection: Secs. 4.1.2, 5, 5.1, 5.2, Fig. 3 Power Receiver Design Examples: Sec. 2.1.2, Fig. 3

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	9,985,463	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Figs. 4, 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 5.1.2, 11.3, 11.3.1, 11.3.2, Figs. 45, 46, 53 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.3, Fig. 3
US	10,074,475	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.2, 3.1.8 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Fig. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Fig. 254
US	10,101,488	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 11, 11.3
US	10,103,584	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1, 5.1.1.1, 5.1.2.5, 5.1.3.5, 5.1.4, 11.1, 11.3.2, 11.4, 11.4.1, 11.4.3, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27
US	10,109,416	1, 2, 4, 11, 12, 14	Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1; Fig. 2 PTx Reference Designs: Secs. 52 (MP-A6), 52.1.1; Figs. 109, 110; Tables 86, 87
US	10,110,074	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.5.5.1, 6.5.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 24, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.2.1, 6, 6.2, 6.6.5.1, 6.6.5.6, 7, 7.3.7, 8.18, 8.18.3, 9.4, Figs. 3, 22, 24, 29, 69, Tables 35, 36, 38, 47 Power Delivery: Sec. 7
US	10,141,782	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1.1, 5.1.2.5, 5.1.2.6, 5.1.4, 11.1, 11.4, 11.4.1, 11.4.3, 11.4.3.1, 11.4.3.2, Figs. 23, 34, 47 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, 2.2.10.2, Figs. 27 and 30
US	10,199,880	1	Qi Specification v. 1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 3; Figs. 2, 4 Mechanical Thermal and User Interface: Sec. 5.1 NFC Tag Protection: Secs. 2, 4 (ref. to NFC - forum.org), 4.1, 4.1.3, 4.2, 4.2.2, 4.3 (including reference to NFC Forum Analog, Digital Protocol, and Activity specifications, which include NFC Forums TS-Analog-1.0 (especially Sec. 2.1 and Fig. 1 thereof), 4.3.1; Fig. 6 PTx Reference Designs: Secs. 4, 4.2; Figs. 2, 5
US	10,239,413	1	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. B.4, B.4.2
US	10,298,070	1	Qi Specification, v.1.3.1 (August 2021) Introduction: Sec. 3.1, Fig. 6 Glossary: Sec. 1 Communications Physical Layer: Secs. 2, 2.1, 2.2, 3, 3.1, 3.2, 3.4.5, Figs. 2, 10 Communications Protocol: Secs. 8, 8.4, Tables 17, 21 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1, Fig. 3 Glossary: Sec. 1 Communications Physical Layer: Secs. 2, 2.1, 2.2, 3, 3.1, 3.2, 3.4.5, Figs. 2, 10 Communications Protocol: Secs. 8, 8.4, Tables 17, 21
US	10,299,095	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 5.1.1, 5.1.2.4.1, 10, 10.1, 10.2, 11.3, 11.3.1, Figs. 22, 44, Tables 12, 63
US	10,305,329	48	Intro. to the Power Class 0 Spec., V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 3.1.1, Fig. 6, Annex B.3

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	10,326,317	1, 8	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, 5.2 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 11, 11.3.1, 11.3.2
US	10,340,744	1	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3, Fig. 6 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.1, 5.1.2, 5.1.2.1, 5.1.2.2, 5.1.2.6, 5.1.3, 5.1.3.1, 5.1.3.2, 5.1.3.6, 5.2.3, 5.2.3.1, 5.2.3.3, 5.2.3.8, 5.3.3, 5.3.3.3, Annex B.2.2, Figs. 4, 51 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 1.5, 2.1, 2.3, 2.3.1
US	10,439,437	23	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.2.3.3, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.4.2, 2.2.6.2, 2.2.10, 2.2.10.2, 2.2.27.2, Figs. 27, 30
US	10,439,445	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.1, 11.4.2, 11.5, Fig. 48
US	10,511,183	1, 17	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Sec. 3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 3.1.1, 3.1.2, 3.1.4, 5.1.3.1, 5.2, 5.2.1, 5.2.2, Annex B1, Fig. 4, Table 27 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.1, 3.1.2
US	10,541,565	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.2.2 Glossary: Sec. 1 Power Delivery: Sec. 2, Fig. 3 NFC Tag Protection: Secs. 2, (ref. to NFC-forum.org); 4, 4.1, 4.1.3, 4.3 (including ref. to NFC Forum Analog, Digital Protocol and Activity specifications, which include NFC Forum-TS-Analog 1.0)(especially Sec. 2.1 and Fig. 1 thereof), 5, 5.2; Fig. 4 PTx Reference Designs: Sec. 4.1.2 (A2 exemplary of PTx coil designs with Ni-Zn or Mn-Zn ferrite shielding)
US	10,545,180	2	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.1.3.6, 5.2.1, 5.2.3.4, 5.2.3.7, 5.2.3.11, 11.2, 11.4, Figs. 4, 33(b), Tables 31, 34, 39
US	10,651,658	20	Qi Specification v.1.3.1 Foreign Objection Detection: Secs. 4, 4.1.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5, 5.1; Fig. 4 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Fig. 140(a)-(c), 142, 143 Qi Specification v.2.0 (Apr. 2023) Foreign Objection Detection: Secs. 4, 4.2.1, 4.2.2, 4.2.3, 4.2.4, 4.2.5, 5.1; Fig. 5 PTx Reference Designs: Secs. 2.2, 40.1.1, 40.2, 40.2.1; Fig. 91(a)-(c), 93, 94
US	10,694,008	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, 5.2.2.4.3, Fig. 38, Tables 25, 26
US	10,791,204	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.2, 5.2.2.4, 5.2.2.4.1, Fig. 38, Table 25
US	10,804,751	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 3.1, 5.2.3.4, 11.1, 11.2, Fig. 4, Table 31
US	10,855,109	16	Qi Specification, V.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Figs. 2, 63, Tables 5, 25, 36, 40 Glossary: Sec. 1 Introduction: Sec. 3, Fig. 6 Qi Specification v.2.0 (Apr. 2023) Communications Physical Layer: Sec. 2 Communications Protocol: Secs. 2.1, 2.2, 6.1, 7.3.4, 8.7, 8.18, 8.18.6, Figs. 2, 63, Tables 5, 25, 36, 40 Glossary: Sec. 1 Introduction: Sec. 3, Fig. 3

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	10,892,648	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 4 PTx Reference Designs: Secs. 47, 47.2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Sec. 4 PTx Reference Designs: Secs. 48, 48.2
US	10,916,973	18	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 6.3, 6.5, 8.9, Fig. 23, Table 27 Foreign Object Detection: Secs. 2, 4, 4.1, 4.1.2, 4.1.3, Fig. 3 Glossary: Sec. 1 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 6.3, 6.5, 8.9, Fig. 23, Table 27 Foreign Object Detection: Secs. 2, 4, 4.2, 4.2.2, 4.2.3, Fig. 4 Glossary: Sec. 1
US	10,938,240	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.5, 3.1, 5.1.2.4, 5.1.2.5, 5.1.2.6, Fig. 17 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Sec. 2.1, Fig. 187
US	10,985,613	1	The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 1.5, 3.2.4, 5.1.1, 5.2.3.3, 5.2.3.4, Fig. 17, Tables 30, 31 The Qi Wireless Power Transfer System, Power Class 0 Spec, Part 3, V. 1.2.4:Feb 2018, Sec. 5.1 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Figs. 27, 30
US	11,005,303	1, 21	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 6.6.1, 8.9, Table 27 Foreign Object Detection: Sec. 4.1.2 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 6.6.1, 8.9, Table 27 Foreign Object Detection: Sec. 4.2.2
US	11,031,829	1, 2	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 7, 8.15; Table 32 PTX Reference Designs: Sec. 47; Fig. 185 Foreign Object Detection: Secs. 5.2.1, 5.2.2, 5.2.3; Figs. 10, 12 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 7, 8.15; Table 32 PTX Reference Designs: Sec. 48; Fig. 100 Foreign Object Detection: Secs. 5.2.1, 5.2.2, 5.2.3; Figs. 11, 13
US	11,038,377	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1, 4.5; Fig. 6 PRx Design Examples: Sec. 5.2; Fig. 14; example 4 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.5; Fig. 3 PRx Design Examples: Sec. 5.2; Fig. 14; example 4
US	11,050,304	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5.1.1, 5.1.2.1, 10, 10.2, Fig. 16, Annex B.3 The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.6, Fig. 15

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	11,056,919	1	Qi Specification, V.1.3.1 (Aug. 2021) Glossary: Sec. 1 Introduction: Sec. 3.1, Fig. 6 Power Receiver Reference Designs: Sec. 6.1.1, Fig. 15, Table 8 Power Transmitter Reference Designs: Secs. 2.2, 44, 44.1, 44.1.1, 44.2, Figs. 166, 167, 168, 170
US	11,139,698	1	The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 3.1, 5.1.1, 5.2.3.7, 11.4.2, 11.5, Fig. 48
US	11,205,929	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 8, 8.4; Figs. 2, 4, 11; Table 21 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 1 Communications Protocol: Secs. 2.1, 4, 5, 8, 8.4; Figs. 2, 4, 11; Table 21
US	11,316,384	12	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 4 Communications Protocol: Secs. 7, 8.15; Table 32 Power Delivery: Sec. 3; Fig. 4 Foreign Object Detection: Sec. 5.2.2; Figs. 14, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 1 Communications Protocol: Secs. 7, 8.15; Table 32 Power Delivery: Sec. 3; Fig. 4 Foreign Object Detection: Sec. 5.2.2; Figs. 15, 16
US	11,349,347	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.3, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.5.3, 8.9, Figs. 2, 22, 23, 24, 26, 41, Table 27 Foreign Object Detection: Secs. 4, 5
US	11,355,971	3	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.2.1, 7.3, 7.3.2, 8, 8.2; Figs. 46, 61; Table 16 Qi Specification, v.2.0 (Aug. 2023) Communications Protocol: Secs. 7, 7.2.1, 7.3, 7.3.2, 8, 8.2; Figs. 40, 41; Table 16
US	11,387,677	6	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Figs. 5, 6 The Qi Wireless Power Transfer System, Power Class 0 Spec, Parts 1 & 2, V. 1.2.4:Feb 2018, Secs. 1.3, 3.1.4, 4.2, 5.1.1, 5.1.2.6, 5.1.3.6, 5.2, 5.2.1, 5.2.3.1, 5.2.3.4, 5.2.3.11, 11, 11.3, 11.4, 11.4.1, 11.4.2, 11.5, Tables 27, 31, 39
US	11,444,662	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 7, 7.3, 7.3.2, 8, 8.5; Figs. 40, 41; Tables 16, 22 Qi Specification, v.2.0 (Aug. 2023) Communications Protocol: Secs. 7, 7.3, 7.3.2, 8, 8.5; Figs. 46, 61; Tables 16, 22
US	11,496,004	13	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Secs. 7, 9.4; Fig. 41; Table 47 Qi Specification, v.2.0 (Aug. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Secs. 7, 9.4; Fig. 41; Table 47

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	11,539,249	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2.2; Figs. 12, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2.2; Figs. 13, 16
US	11,569,632	9	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2.1, 4, 5, 6, 6.6, 8.9; Figs. 2, 4, 11, 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.1, 4.1.2, 4.1.3, 4.1.4, 4.1.5; Annex A (point 7 and Fig. 16) Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2.1, 4, 5, 6, 6.6, 8.9; Figs. 2, 4, 11, 21, 22; Table 27 Foreign Object Detection: Secs. 4, 4.2, 4.2.2, 4.2.3, 4.2.4, 4.2.5; Annex A (point 7 and Fig. 17)
US	11,626,758	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2 PTx Reference Design: Secs. 51, 51.1, 51.2 (MP-A6); Figs. 202, 205; Tables 138, 139 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2 PTx Reference Design: Secs. 52, 52.1, 52.2 (MP-A6); Figs. 108-111; Tables 86, 87
US	11,626,762	1	Qi Specification, V.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9, Figs. 2, 21, 22, 23, 25, Table 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 2.1, 6, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.9, Figs. 2, 21, 22, 23, 25, Table 27
US	11,652,370	1	Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Sec. 4; Figs. 4, 11 Power Delivery: Sec. 15.1; Fig. 18 MPP Communications Protocol: Secs. 2.2.1, 2.3.3, 2.4.2, 7.1.20; Figs. 2.2, 3.6 and 7.20; Table 2.1
US	11,652,371	14, 21	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.1, 6.6.5.3, 8.7, 8.9, Figs. 21, 22, 23, Tables 24, 27 Qi Specification v.2.0 (Apr. 2023) Communications Protocol: Secs. 1.2, 6, 6.3, 6.6, 6.6.1, 6.6.4, 6.6.5.3, 8.7, 8.9, Figs. 21, 22, 23, Tables 24, 27
US	11,658,520	6	Qi Specification, v.1.3.1 (Aug. 2021) Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7.1, 7.13, 8.15, 9.4; Figs. 28, 43; Table 32 PTx Reference Designs: Sec. 46; Fig. 180 Qi Specification, v.2.0 (Aug. 2023) Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 6.6.5.6, 7.1, 7.13, 8.15, 9.4; Figs. 28, 43; Table 32 PTx Reference Designs: Sec. 47; Fig. 95

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	11,664,688	8	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1; Fig. 6 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2, 5.2.1, 5.2.2, 5.2.3; Figs. 9, 10, 12, 15 Qi Specification, v.2.0 (Aug. 2023) Introduction: Secs. 3, 3.1; Fig. 3 Communications Protocol: Sec. 8.15; Table 32 Foreign Object Detection: Secs. 5, 5.2, 5.2.1, 5.2.2, 5.2.3; Figs. 10, 11, 13, 16
US	11,670,966	6	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8.15, 9.4; Figs. 3, 28; Tables 5, 47 Power Delivery: Sec. 11.1 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Physical Layer: Sec. 3.5; Fig. 11 Communications Protocol: Secs. 2.2, 2.2.1, 6.6.5.6, 7, 8.15, 9.4; Figs. 3, 28; Tables 5, 47 Power Delivery: Sec. 11.1
US	11,689,064	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Sec. 8.7; Table 24 NFC Tag Protection: Secs. 5, 5.2; Fig. 7 Qi Specification, v.2.0 (Apr. 2023) Communications Protocol: Sec. 8.7; Table 24 NFC Tag Protection: Secs. 5, 5.2; Fig. 7
US	11,697,351	1	Qi Specification v.1.3.1 (Aug. 2021) Power Delivery: Secs. 2, 15; Fig. 2 Introduction: Secs. 3, 3.1; Fig. 6 FOD: Secs. 2, 3, and 4.1.5 Glossary: Sec. 1 Power Transmitter Reference Designs: Secs. 48, 48.1.2, and 48.1.3; Fig. 189; Table 126 Communications Protocol: Secs. 4.2.1, 7.3.7; Fig. 6 Qi Specification v.2.0 (Apr. 2023) Power Delivery: Secs. 2, 15; Fig. 2 Introduction: Secs. 3, 3.1; Fig. 3 FOD: Secs. 2, 3, and 4.2.5 Glossary: Sec. 1 Power Transmitter Reference Designs: Secs. 49, 49.1.2, and 49.1.3; Fig. 104; Table 106 Communications Protocol: Secs. 4.2.1, 7.3.7; Fig. 6
US	11,715,982	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 6.6.5.6, 8.4, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4; Figs. 2, 4, 11, 28; Tables 23, 38, 47 Power Delivery: Secs. 15, 15.1, 15.2 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4; Fig. 4 Communications Protocol: Secs. 2.1, 4, 5, 6.6.5.6, 8.4, 8.6, 8.15, 8.16, 8.18.1, 8.18.3, 9.4; Figs. 2, 4, 11, 28; Tables 23, 38, 47 Power Delivery: Secs. 15, 15.1, 15.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	11,722,014	1	Qi Specification, v.1.3.1 (Aug. 2021) Glossary: Secs. 1, 2 Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1, 5.1.3, 5.1.5, 8.4, Figs. 11, 12, Table 21 Authentication Protocol: Secs. 2, 4, 4.2, 7.1, Fig. 2 Qi Specification v.2.0 (Apr. 2023) Glossary: Secs. 1, 2 Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1, 5.1.3, 5.1.5, 8.4, Figs. 11, 12, Table 21 Authentication Protocol: Secs. 2, 4, 4.2, 7.1, Fig. 2
US	11,736,146	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3.1, 4.2; Fig. 6 Glossary: Sec. 1 Communications Protocol: Secs. 6, 8, 8.4, 9.4; Fig. 21; Tables 21, 47 Power Delivery: Sec. 3; Fig. 4 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3.1, 4.2; Fig. 3 Glossary: Sec. 1 Communications Protocol: Secs. 6, 8, 8.4, 9.4; Fig. 21; Tables 21, 47 Power Delivery: Sec. 3; Fig. 4
US	11,817,917	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4, 5, 6, 8.4, 9.4; Figs. 2, 4, 11, 21; Tables 21, 47 NFC Tag Protection: Sec. 5.2; Fig. 7 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.1, 4, 5, 6, 8.4, 9.4; Figs. 2, 4, 11, 21; Tables 21, 47 NFC Tag Protection: Sec. 5.2; Fig. 7
US	11,881,912	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.5.1, 5, 6, 7, 7.2, 7.2.1, 7.2.3, 8, 8.1, 8.2, 8.4, 8.5, 9, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables 18, 19, 21, 22, 44, 45, 47 Qi Specification, v.2.0 (Apr. 2023) Introduction: Secs. 3, 3.1 Communications Protocol: Secs. 1, 1.5.1, 5, 6, 7, 7.2, 7.2.1, 7.2.3, 8, 8.1, 8.2, 8.4, 8.5, 9, 9.1, 9.2, 9.4; Figs. 11, 21, 46; Tables 18, 19, 21, 22, 44, 45, 47
US	12,088,120	1	Qi Specification v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1 Glossary: Secs. 1, 2 Communications Protocol: Sec. 6; Fig. 21 NFC Tag Protection: Sec. 2.2.1, 3, 3.1; Tables 5, 6 Qi Specification v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Secs. 1, 2 Communications Protocol: Sec. 6, 9.5; Fig. 21; Table 48 NFC Tag Protection: Sec. 2.1.1, 3; Table 5
US	12,126,187	1	Qi Specification, v.1.3.1 (Aug. 2021) Communications Protocol: Secs. 6, 6.6, 6.6.1, 8, 8.9; Figs. 21, 22 Foreign Object Design: Secs. 4, 4.1 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 6, 6.6, 6.6.1, 8, 8.9; Figs. 21, 22 Foreign Object Design: Secs. 4, 4.2

Qi Wireless Charging Cross-Reference Chart (5-14-25)

Ctry.	Patent	CI	Standards / Sections
US	12,143,173	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Secs. 2, 8.7; Table 24 Power Delivery: Sec. 3; Figs. 3, 4 MPP Communications Protocol: Secs. 3.3.1, 3.4; Figs. 3.3, 3.6
US	12,155,226	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 1 Communications Protocol: Sec. 4; Fig. 4 Foreign Object Detection: Secs. 4, 4.1; Figs. 3, 18; Annex B, B.1
US	12,160,116	1	Qi Specification, v.1.3.1 (Aug. 2021) Introduction: Sec. 3.1; Fig. 6 Communications Protocol: Sec. 8.7 Foreign Object Design: Secs. 5.2.3 Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1; Fig. 3 Communications Protocol: Sec. 8.7 Foreign Object Design: Secs. 5.2.3
US	12,207,328	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Sec. 8.7; Table 24 MPP Communications Protocol: Secs. 3.2.3, 3.3.1-3.3.3, 3.4, 7.1.4; Figs. 3.3, 3.4, 7.4; Tables 7.6, 7.7, 24
US	12,230,978	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Glossary: Sec. 3 Communications Protocol: Sec. 2.1; Fig. 2 Foreign Object Detection: Annex B.3 MPP Communications Protocol: Secs. 2.2.2, 7.1.20; Figs. 2.3, 7.20 MPP System: Secs. 4.3.1.2, 4.7.1.1, 4.7.1.2, 4.7.1.3, 4.7.1.3.2, 6.2, 6.2.1, 6.2.3; Fig. 7.2.1
US	12,244,158	1	Qi Specification, v.2.0 (Apr. 2023) Introduction: Sec. 3.1 Communications Protocol: Secs. 2.2.1, 5, 5.1.6, 8.11; Figs. 11, 12; Table 29 Power Delivery: Sec. 3; Fig. 4 Authentication Protocol: Secs. 4, 4.2, 7.1; Fig. 2
US	Re. 44,038	20	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 5, 5.1.1.1, 10.1, Fig. 44 The Qi Wireless Power Transfer System, Power Class 0 Specification, Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.2, 2.2.2.2, Figs. 3, 6
US	Re. 44,713	9,13	Introduction to the Power Class 0 Specification, V. 1.2.4:Feb. 2018, Secs. 3, Fig. 5 The Qi Wireless Power Transfer System, Power Class 0 Spec., Parts 1&2, V. 1.2.4:Feb. 2018, Secs. 1.3, 2.1, 5.1.1, 5.1.2, 5.1.2.3, 5.1.2.6, 5.1.3, 5.1.3.3, 5.1.3.6, 5.2.3.2, 5.2.3.5, 5.2.3.8, Figs. 4, 16
US	Re. 46,111	32	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 3.1, 5.1, 5.1.2, 5.1.2.3, 5.1.2.6, 5.1.3.2, 5.2.1, 5.2.2.1, Figs. 4, 16
US	Re. 48,193	10	The Qi Wireless Power Transfer System, Power Class 0 Specification, Parts 1 & 2, V. 1.2.4:Feb. 2018, Secs. 1.3, 1.5, 2.1, 2.1.1, 3.1, 3.1.4, 3.1.8, 5.1.3.3, Fig. 4

Qi Wireless Charging Cross-Reference Chart **(5-14-25)**

Ctry.	Patent	CI	Standards / Sections
US	Re. 49,300	1	Qi Specification v.1.3.1 Introduction: Secs. 3.1 Communications Protocol: Secs. 4, 6.6.5.3, 6.7.5, 7, 7.1.2, 8.5, 8.17 Power Delivery: Secs. 5.2 PTx Reference Designs: Secs. 16(A13), 16.1, 16.1.1, 16.1.2, 16.2; Figs. 38, 40, 41 Foreign Objection Detection: Sec. 2 Qi Specification v.2.0 (Apr. 2023) Introduction: Secs. 3.1 Communications Protocol: Secs. 4, 6.6.5.3, 6.7.5, 7, 7.1.2, 8.5, 8.17 Power Delivery: Secs. 5.2 PTx Reference Designs: Secs. 16(A13), 16.1, 16.1.1, 16.1.2, 16.2; Figs. 22, 24, 25 Foreign Objection Detection: Sec. 2