

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

(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	1,013,155	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	2,446,600	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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 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
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
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	2,446,600	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
BE	C0 3,335,926	11	<p>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</p> <p>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</p>
BE	3,487,028	1	<p>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</p>
BE	4,044,401	1	<p>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</p> <p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
BG	C0 3,335,926	11	<p>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</p> <p>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</p>
CH	2,357,715	1	<p>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</p>
CH	2,375,532	7	<p>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</p>
CH	2,446,600	1	<p>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</p>
CH	2,689,512	1	<p>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</p> <p>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</p>
CH	2,867,997	17	<p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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
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
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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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)
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	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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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	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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
CN	108233498	9	Qi Specification v.1.3.1 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	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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	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	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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
CZ	2,375,532	7	<p>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</p> <p>The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 3, V. 1.2.4:Feb. 2018, Sec. 5.2</p> <p>The Qi Wireless Power Transfer System, Power Class 0 Spec., Part 4, V. 1.2.4:Feb. 2018, Secs. 2.2.10, Fig. 27</p>
CZ	2,446,600	1	<p>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</p>
CZ	2,689,512	1	<p>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</p> <p>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</p>
CZ	2,867,997	17	<p>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</p>
CZ	2,880,736	1	<p>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</p> <p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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
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 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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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 Power Patent Portfolio License Cross-Reference Chart

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 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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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 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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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 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 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 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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	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	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
EE	C0 3,335,926	11	<p>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</p> <p>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</p>
ES	2,357,715	1	<p>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</p>
ES	2,375,532	7	<p>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</p>
ES	2,446,600	1	<p>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</p>
ES	2,522,128	6	<p>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</p> <p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	3,300,213	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	3,403,313	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	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
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	3,487,028	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	2,446,600	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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
FI	C0 3,335,926	11	<p>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</p> <p>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</p>
FI	3,487,028	1	<p>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</p>
FR	2,066,000	10, 11	<p>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</p>
FR	2,093,857	1, 4	<p>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</p>
FR	2,357,715	1	<p>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</p>
FR	2,375,532	7	<p>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</p>
FR	2,436,096	1	<p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	2,689,512	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	3,285,195	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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	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	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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
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	2,416,599	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	2,689,512	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	3,285,195	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	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 Power Patent Portfolio License Cross-Reference Chart

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	3,640,836	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	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	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	3,123,587	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
GR	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	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	3,640,836	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
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
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
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	2,446,600	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	3,403,313	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	3,640,836	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 Power Patent Portfolio License Cross-Reference Chart

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	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	3,123,587	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	3,487,028	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
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 Power Patent Portfolio License Cross-Reference Chart

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	5,651,724	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	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 Power Transmitter Reference Designs: Secs. 10.2, 15.2, 34.2, 41, 41.2, Figs. 147, 148
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	7,514,110	1	Qi Specification v.1.3.1 Introduction: Sec. 3.1 Communications Protocol: Secs. 2 and 8.15 Foreign Objection 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 Objection Detection: Secs. 5.2.2, 5.2.3; Fig. 12
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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	6,160,880	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	6,497,717	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	6,741,985	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
KR	859,445	1	<p>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</p> <p>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</p>
KR	874,837	5	<p>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</p>
KR	915,842	1	<p>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</p> <p>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</p>
KR	928,439	1	<p>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</p> <p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	1,434,416	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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	2,136,667	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	2,678,518	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	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	2,509,314	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
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	2,446,600	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 Power Patent Portfolio License Cross-Reference Chart

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
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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
LU	C0 3,335,926	11	<p>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</p> <p>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</p>
LV	C0 3,335,926	11	<p>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</p> <p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
MT	C0 3,335,926	11	<p>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</p> <p>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</p>
NL	2,066,000	10, 11	<p>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</p>
NL	2,357,715	1	<p>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</p>
NL	2,372,863	1, 11	<p>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</p>
NL	2,375,532	7	<p>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</p>
NL	2,394,350	1	<p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	3,640,836	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	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
NL	C0 3,335,926	11	<p>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</p> <p>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</p>
NL	3,487,028	1	<p>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</p>
NO	2,357,715	1	<p>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</p>
NO	4,044,401	1	<p>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</p> <p>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</p>
PL	2,357,715	1	<p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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	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	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	2,446,600	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 Power Patent Portfolio License Cross-Reference Chart

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, 5.1.2.4, 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
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	3,389,191	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	3,487,028	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
SI	C0 3,335,926	11	<p>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</p> <p>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</p>
SK	2,357,715	1	<p>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</p>
TR	2,357,715	1	<p>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</p>
TR	2,375,532	7	<p>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</p>
TR	2,436,096	1	<p>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</p>
TR	2,446,600	1	<p>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</p>

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	3,403,313	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	3,123,587	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	3,487,028	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
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	8,344,552	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	8,552,593	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	8,843,095	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

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	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	10,110,074	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	10,239,413	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 Power Patent Portfolio License Cross-Reference Chart

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	10,545,180	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	11,038,377	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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
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	11,349,347	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	11,387,677	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	11,626,762	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	11,652,371	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

Qi Wireless Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
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	11,722,014	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	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 Power Patent Portfolio License Cross-Reference Chart

Ctry.	Patent	CI	Standards / Sections
US	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