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FR (EP 2,945,376)	GB (EP 3,402,199)	HK 1,214,445
FR (EP 2,945,380)	GB (EP 3,402,200)	HK 1,214,700
FR (EP 2,945,381)	GB (EP 3,402,201)	HK 1,214,702
FR (EP 2,950,535)	GB (EP 3,402,202)	HK 1,214,704
FR (EP 3,276,963)	GB (EP 3,432,579)	HK 1,214,705
FR (EP 3,324,627)	GB (EP 3,432,580)	HK 1,214,899
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GB (EP 2,773,117)	GR (EP 3,324,627)	HU (EP 2,773,117)
GB (EP 2,773,118)	GR (EP 3,402,200)	HU (EP 2,773,118)
GB (EP 2,774,120)	GR (EP 3,402,201)	HU (EP 2,774,120)
GB (EP 2,774,122)	GR (EP 3,402,202)	HU (EP 2,774,122)
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GB (EP 2,786,577)	GR (EP 3,432,580)	HU (EP 2,786,577)
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HU (EP 3,346,447)	IE (EP 2,774,374)	IN 472174
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HU (EP 3,402,202)	IL 231705	IN 475540
HU (EP 3,432,579)	IL 231706	IN 479869
HU (EP 3,432,580)	IL 231707	IN 479873
HU (EP 3,448,033)	IL 231,708	IN 479888
HU (EP 3,448,034)	IL 239725	IN 505544
HU (EP 3,579,554)	IL 239,726	IN 505562
HU (EP 3,579,555)	IL 239,727	IN 506985
HU (EP 3,579,556)	IL 239,728	IN 513800
HU (EP 3,829,172)	IL 247673	IN 513803
HU (EP 3,829,174)	IL 247,674	IN 513830
HU (EP 3,829,175)	IL 247675	IN 516808
HU (EP 3,829,176)	IL 247,676	IN 517749
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HU (EP 3,917,147)	IL 250,030	IN 523548
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ID P000061900	IN 311428	IN 524777
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ID P000069125	IN 368779	IN 533415
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ID P000075881	IN 398813	IN 533940
ID P000077878	IN 408802	IN 533941
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IN 542769	IT (EP 2,773,117)	JP 5,830,175
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IN 544046	IT (EP 2,774,120)	JP 5,841,264
IN 546390	IT (EP 2,774,122)	JP 5,846,666
IN 546732	IT (EP 2,774,374)	JP 5,846,674
IN 550195	IT (EP 2,786,577)	JP 5,846,675
IN 550196	IT (EP 2,916,545)	JP 5,846,676
IN 550197	IT (EP 2,941,004)	JP 5,905,613
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IN 550345	IT (EP 2,945,376)	JP 5,989,838
IN 553568	IT (EP 2,945,380)	JP 5,989,839
IN 553572	IT (EP 2,945,381)	JP 5,989,840
IN 553576	IT (EP 2,950,535)	JP 5,989,841
IN 553578	IT (EP 3,276,963)	JP 5,990,299
IN 553584	IT (EP 3,324,627)	JP 5,990,300
IN 553589	IT (EP 3,343,915)	JP 6,005,790
IN 553593	IT (EP 3,346,447)	JP 6,005,791
IN 553599	IT (EP 3,402,191)	JP 6,005,792
IN 554307	IT (EP 3,402,199)	JP 6,006,394
IN 554528	IT (EP 3,402,200)	JP 6,006,395
IN 554532	IT (EP 3,402,201)	JP 6,006,763
IN 554540	IT (EP 3,402,202)	JP 6,023,842
IN 554653	IT (EP 3,432,579)	JP 6,026,600
IN 555109	IT (EP 3,432,580)	JP 6,026,601
IN 555829	IT (EP 3,448,033)	JP 6,026,602
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IN 564562	IT (EP 3,843,393)	JP 6,076,438
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IS (EP 2,752,005)	JP 5,611,498	JP 6,093,815
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IS (EP 2,774,122)	JP 5,750,579	JP 6,101,755
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JP 6,138,884	LI (EP 2,942,954)	LU (EP 3,276,963)
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JP 6,140,237	LI (EP 2,945,376)	LU (EP 3,402,200)
JP 6,157,676	LI (EP 2,945,380)	LU (EP 3,402,201)
JP 6,267,373	LI (EP 2,945,381)	LU (EP 3,402,202)
JP 6,275,897	LI (EP 2,950,535)	LU (EP 3,432,580)
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JP 6,285,485	LI (EP 3,324,627)	LU (EP 3,829,172)
JP 6,285,486	LI (EP 3,343,915)	LU (EP 3,829,174)
JP 6,285,487	LI (EP 3,346,447)	LU (EP 3,829,175)
JP 6,302,577	LI (EP 3,402,191)	LU (EP 3,829,176)
JP 6,335,984	LI (EP 3,402,199)	LU (EP 3,843,392)
JP 6,360,947	LI (EP 3,402,200)	LU (EP 3,843,393)
JP 6,367,413	LI (EP 3,402,201)	LV (EP 2,752,004)
JP 6,419,230	LI (EP 3,402,202)	LV (EP 2,752,005)
JP 6,469,265	LI (EP 3,432,579)	LV (EP 2,752,006)
JP 6,505,763	LI (EP 3,432,580)	LV (EP 2,773,117)
JP 6,553,769	LI (EP 3,448,033)	LV (EP 2,773,118)
JP 6,607,417	LI (EP 3,448,034)	LV (EP 2,774,120)
JP 6,636,573	LI (EP 3,579,554)	LV (EP 2,774,122)
JP 6,648,315	LI (EP 3,579,555)	LV (EP 2,774,374)
JP 6,660,074	LI (EP 3,579,556)	LV (EP 2,786,577)
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LI (EP 2,752,006)	LU (EP 2,752,005)	MX 334,421
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LI (EP 2,774,122)	LU (EP 2,774,120)	MX 334,868
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LI (EP 2,916,545)	LU (EP 2,786,577)	MX 335,744

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MX 335,746	MY 190515	NL (EP 3,579,554)
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MX 336,661	MY 190529	NL (EP 3,579,556)
MX 336,814	MY 190530	NL (EP 3,829,172)
MX 336,815	MY 192962	NL (EP 3,829,174)
MX 336,816	MY 192963	NL (EP 3,829,175)
MX 338,748	MY 192964	NL (EP 3,829,176)
MX 338,988	MY 192965	NL (EP 3,843,392)
MX 338,989	MY 192966	NL (EP 3,843,393)
MX 338,990	MY 195620-A	NL (EP 3,917,147)
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MX 339,983	MY 195624	NO (EP 2,752,005)
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MX 340,367	MY 198986-A	NO (EP 2,773,118)
MX 340,368	MY 199142	NO (EP 2,774,120)
MX 340,474	MY 201095-A	NO (EP 2,774,122)
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MX 345,047	NL (EP 2,941,004)	NO (EP 3,829,172)
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MX 350,560	NL (EP 2,945,381)	NO (EP 3,843,393)
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MX 356875	NL (EP 3,324,627)	PH 1-2014-500960
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MX 363,195	NL (EP 3,346,447)	PH 1-2015-500839
MX 378476	NL (EP 3,402,191)	PH 1-2015-500841
MX 384,187	NL (EP 3,402,199)	PH 1-2015-500843
MX 403184	NL (EP 3,402,200)	PH 1-2015-500844
MX 407,247	NL (EP 3,402,201)	PH 1-2016-502082
MY 166250	NL (EP 3,402,202)	PH 1-2016-502083
MY 167772	NL (EP 3,432,579)	PH 1-2016-502084
MY 169632	NL (EP 3,432,580)	PH 1-2016-502085
MY 170,819	NL (EP 3,448,033)	PH 1-2016-502086

PH 1-2016-502087	PT (EP 2,774,120)	RO (EP 3,448,033)
PH 1-2016-502088	PT (EP 2,774,122)	RO (EP 3,448,034)
PH 1-2016-502089	PT (EP 2,774,374)	RO (EP 3,579,554)
PH 1/2014/500961	PT (EP 2,786,577)	RO (EP 3,579,555)
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PL (EP 2,941,004)	PT (EP 3,829,172)	RS (EP 2,752,006)
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PL (EP 2,942,956)	PT (EP 3,829,175)	RS (EP 2,773,118)
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PL (EP 2,945,380)	PT (EP 3,843,392)	RS (EP 2,774,122)
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PL (EP 3,276,963)	RO (EP 2,752,004)	RS (EP 2,942,954)
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PL (EP 3,402,202)	RO (EP 2,786,577)	RU 2621970
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PL (EP 3,579,554)	RO (EP 2,945,376)	RU 2,686,819
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SE (EP 3,343,915)	SI (EP 3,432,579)	TR (EP 2,774,120)
SE (EP 3,346,447)	SI (EP 3,917,147)	TR (EP 2,774,122)
SE (EP 3,402,191)	SK (EP 2,752,004)	TR (EP 2,774,374)
SE (EP 3,402,199)	SK (EP 2,752,005)	TR (EP 2,786,577)
SE (EP 3,402,200)	SK (EP 2,752,006)	TR (EP 2,916,545)
SE (EP 3,402,201)	SK (EP 2,773,117)	TR (EP 2,941,004)
SE (EP 3,402,202)	SK (EP 2,773,118)	TR (EP 2,942,954)
SE (EP 3,432,579)	SK (EP 2,774,120)	TR (EP 2,942,956)
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Hanwha Vision Co., Ltd.

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M&K Holdings Inc.

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GR (EP 2,945,376) - Exp. Sep 4, 2020
HK 1214053 - Exp. Oct 20, 2021
HR (EP 2,945,376) - Exp. Jun 3, 2020
IE (EP 2,945,376) - Exp. Apr 20, 2021
IS (EP 2,945,376) - Exp. Oct 3, 2020
LT (EP 2,945,376) - Exp. Jun 3, 2020
LU (EP 2,945,376) - Exp. Apr 20, 2021
LV (EP 2,945,376) - Exp. Jun 3, 2020
MC (EP 2,752,006) - Exp. Feb 17, 2021
MC (EP 2,773,118) - Exp. Sep 16, 2020
MC (EP 2,945,376) - Exp. Jun 3, 2020
MC (EP 2,950,535) - Exp. Jun 24, 2020
MK (EP 2,945,376) - Exp. Jun 3, 2020
MT (EP 2,752,006) - Exp. Feb 17, 2021
MT (EP 2,773,118) - Exp. Sep 16, 2020
MT (EP 2,945,376) - Exp. Jun 3, 2020
MT (EP 2,950,535) - Exp. Jun 24, 2020
NO (EP 2,945,376) - Exp. Sep 3, 2020
PT (EP 2,945,376) - Exp. Oct 6, 2020
RS (EP 2,945,376) - Exp. Jun 3, 2020
SI (EP 2,945,376) - Exp. Jun 3, 2020
SM (EP 2,752,006) - Exp. Feb 17, 2021
SM (EP 2,773,118) - Exp. Sep 16, 2020

SM (EP 2,945,376) - Exp. Jun 3, 2020
SM (EP 2,950,535) - Exp. Jun 24, 2020

M&K Holdings Inc.

AL (EP 2,563,020) - Exp. Nov 1, 2023
AL (EP 2,600,613) - Exp. Jan 30, 2024
AL (EP 2,608,541) - Exp. Feb 13, 2024
AL (EP 2,947,877) - Exp. Nov 1, 2023
AL (EP 2,947,878) - Exp. Nov 1, 2023
AL (EP 2,950,533) - Exp. Nov 1, 2023
AL (EP 2,950,534) - Exp. Nov 1, 2023
AL (EP 2,988,501) - Exp. Jan 30, 2024
AL (EP 3,051,815) - Exp. Jan 30, 2024
AL (EP 3,059,953) - Exp. Jan 30, 2024
AL (EP 3,059,956) - Exp. Jan 30, 2024
AL (EP 3,059,960) - Exp. Jan 30, 2024
AL (EP 3,125,552) - Exp. Feb 13, 2024
AL (EP 3,125,553) - Exp. Feb 13, 2024
AL (EP 3,125,555) - Exp. Feb 13, 2024
AL (EP 3,125,561) - Exp. Feb 13, 2024
AL (EP 3,145,188) - Exp. Feb 13, 2024
AL (EP 3,197,160) - Exp. Jan 30, 2024
AL (EP 3,211,898) - Exp. Jan 30, 2024
AL (EP 3,211,899) - Exp. Jan 30, 2024
AL (EP 3,214,838) - Exp. Jan 30, 2024
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AT (EP 2,950,534) - Exp. Nov 1, 2023
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AT (EP 3,125,555) - Exp. Feb 13, 2024
AT (EP 3,125,561) - Exp. Feb 13, 2024
AT (EP 3,145,188) - Exp. Feb 13, 2024
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AT (EP 3,211,898) - Exp. Jan 30, 2024
AT (EP 3,211,899) - Exp. Jan 30, 2024
AT (EP 3,214,838) - Exp. Jan 30, 2024
BG (EP 2,563,020) - Exp. Nov 1, 2023
BG (EP 2,600,613) - Exp. Jan 30, 2024

BG (EP 2,608,541) - Exp. Feb 13, 2024	DK (EP 3,125,553) - Exp. Feb 13, 2024	HU (EP 3,059,953) - Exp. Jan 30, 2024
BG (EP 2,947,877) - Exp. Nov 1, 2023	DK (EP 3,125,555) - Exp. Feb 13, 2024	HU (EP 3,059,956) - Exp. Jan 30, 2024
BG (EP 2,947,878) - Exp. Nov 1, 2023	DK (EP 3,125,561) - Exp. Feb 13, 2024	HU (EP 3,059,960) - Exp. Jan 30, 2024
BG (EP 2,950,533) - Exp. Nov 1, 2023	DK (EP 3,197,160) - Exp. Jan 30, 2024	HU (EP 3,125,552) - Exp. Feb 13, 2024
BG (EP 2,950,534) - Exp. Nov 1, 2023	DK (EP 3,211,898) - Exp. Jan 30, 2024	HU (EP 3,125,553) - Exp. Feb 13, 2024
BG (EP 2,988,501) - Exp. Jan 30, 2024	DK (EP 3,211,899) - Exp. Jan 30, 2024	HU (EP 3,125,555) - Exp. Feb 13, 2024
BG (EP 3,051,815) - Exp. Jan 30, 2024	DK (EP 3,214,838) - Exp. Jan 30, 2024	HU (EP 3,125,561) - Exp. Feb 13, 2024
BG (EP 3,059,953) - Exp. Jan 30, 2024	FI (EP 2,563,020) - Exp. Nov 1, 2023	HU (EP 3,197,160) - Exp. Jan 30, 2024
BG (EP 3,059,956) - Exp. Jan 30, 2024	FI (EP 2,600,613) - Exp. Jan 30, 2024	HU (EP 3,211,898) - Exp. Jan 30, 2024
BG (EP 3,059,960) - Exp. Jan 30, 2024	FI (EP 2,608,541) - Exp. Feb 13, 2024	HU (EP 3,211,899) - Exp. Jan 30, 2024
BG (EP 3,125,552) - Exp. Feb 13, 2024	FI (EP 2,947,877) - Exp. Nov 1, 2023	HU (EP 3,214,838) - Exp. Jan 30, 2024
BG (EP 3,125,553) - Exp. Feb 13, 2024	FI (EP 2,947,878) - Exp. Nov 1, 2023	IE (EP 2,947,877) - Exp. Nov 1, 2023
BG (EP 3,125,555) - Exp. Feb 13, 2024	FI (EP 2,950,533) - Exp. Nov 1, 2023	IE (EP 2,947,878) - Exp. Nov 1, 2023
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BG (EP 3,211,899) - Exp. Jan 30, 2024	FI (EP 3,059,956) - Exp. Jan 30, 2024	IE (EP 3,059,956) - Exp. Jan 30, 2024
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CY (EP 2,600,613) - Exp. Jan 30, 2024	FI (EP 3,125,553) - Exp. Feb 13, 2024	IE (EP 3,125,553) - Exp. Feb 13, 2024
CY (EP 2,608,541) - Exp. Feb 13, 2024	FI (EP 3,125,555) - Exp. Feb 13, 2024	IE (EP 3,125,555) - Exp. Feb 13, 2024
CY (EP 2,947,877) - Exp. Nov 1, 2023	FI (EP 3,125,561) - Exp. Feb 13, 2024	IE (EP 3,125,561) - Exp. Feb 13, 2024
CY (EP 2,947,878) - Exp. Nov 1, 2023	FI (EP 3,145,188) - Exp. Feb 13, 2024	IE (EP 3,197,160) - Exp. Jan 30, 2024
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CY (EP 2,950,534) - Exp. Nov 1, 2023	FI (EP 3,211,898) - Exp. Jan 30, 2024	IE (EP 3,211,899) - Exp. Jan 30, 2024
CY (EP 2,988,501) - Exp. Jan 30, 2024	FI (EP 3,211,899) - Exp. Jan 30, 2024	IE (EP 3,214,838) - Exp. Jan 30, 2024
CY (EP 3,051,815) - Exp. Jan 30, 2024	FI (EP 3,214,838) - Exp. Jan 30, 2024	IS (EP 2,563,020) - Exp. Nov 1, 2023
CY (EP 3,059,953) - Exp. Jan 30, 2024	HR (EP 2,947,877) - Exp. Nov 1, 2023	IS (EP 2,600,613) - Exp. Jan 30, 2024
CY (EP 3,059,956) - Exp. Jan 30, 2024	HR (EP 2,947,878) - Exp. Nov 1, 2023	IS (EP 2,608,541) - Exp. Feb 13, 2024
CY (EP 3,059,960) - Exp. Jan 30, 2024	HR (EP 2,950,533) - Exp. Nov 1, 2023	IS (EP 2,947,877) - Exp. Nov 1, 2023
CY (EP 3,125,552) - Exp. Feb 13, 2024	HR (EP 2,950,534) - Exp. Nov 1, 2023	IS (EP 2,947,878) - Exp. Nov 1, 2023
CY (EP 3,125,553) - Exp. Feb 13, 2024	HR (EP 2,988,501) - Exp. Jan 29, 2018	IS (EP 2,950,533) - Exp. Nov 1, 2023
CY (EP 3,125,555) - Exp. Feb 13, 2024	HR (EP 3,051,815) - Exp. Jan 30, 2024	IS (EP 2,950,534) - Exp. Nov 1, 2023
CY (EP 3,125,561) - Exp. Feb 13, 2024	HR (EP 3,059,953) - Exp. Jan 30, 2024	IS (EP 2,988,501) - Exp. Jan 30, 2024
CY (EP 3,145,188) - Exp. Feb 13, 2024	HR (EP 3,059,956) - Exp. Jan 30, 2024	IS (EP 3,051,815) - Exp. Jan 30, 2024
CY (EP 3,197,160) - Exp. Jan 30, 2024	HR (EP 3,059,960) - Exp. Jan 30, 2024	IS (EP 3,059,953) - Exp. Jan 30, 2024
CY (EP 3,211,898) - Exp. Jan 30, 2024	HR (EP 3,125,552) - Exp. Feb 13, 2024	IS (EP 3,059,956) - Exp. Jan 30, 2024
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CY (EP 3,214,838) - Exp. Jan 30, 2024	HR (EP 3,125,555) - Exp. Feb 13, 2024	IS (EP 3,125,552) - Exp. Feb 13, 2024
DK (EP 2,947,877) - Exp. Nov 1, 2023	HR (EP 3,125,561) - Exp. Feb 13, 2024	IS (EP 3,125,553) - Exp. Feb 13, 2024
DK (EP 2,947,878) - Exp. Nov 1, 2023	HR (EP 3,211,898) - Exp. Jan 30, 2024	IS (EP 3,125,555) - Exp. Feb 13, 2024
DK (EP 2,950,533) - Exp. Nov 1, 2023	HR (EP 3,211,899) - Exp. Jan 30, 2024	IS (EP 3,125,561) - Exp. Feb 13, 2024
DK (EP 2,950,534) - Exp. Nov 1, 2023	HR (EP 3,214,838) - Exp. Jan 30, 2024	IS (EP 3,145,188) - Exp. Feb 13, 2024
DK (EP 3,051,815) - Exp. Jan 30, 2024	HU (EP 2,947,877) - Exp. Nov 1, 2023	IS (EP 3,197,160) - Exp. Jan 30, 2024
DK (EP 3,059,953) - Exp. Jan 30, 2024	HU (EP 2,947,878) - Exp. Nov 1, 2023	IS (EP 3,211,898) - Exp. Jan 30, 2024
DK (EP 3,059,956) - Exp. Jan 30, 2024	HU (EP 2,950,533) - Exp. Nov 1, 2023	IS (EP 3,211,899) - Exp. Jan 30, 2024
DK (EP 3,059,960) - Exp. Jan 30, 2024	HU (EP 2,950,534) - Exp. Nov 1, 2023	IS (EP 3,214,838) - Exp. Jan 30, 2024
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SE (EP 3,214,838) - Exp. Jan 30, 2024
SI (EP 2,563,020) - Exp. Oct 30, 2023
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SI (EP 2,608,541) - Exp. Feb 12, 2024
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SI (EP 2,950,533) - Exp. Oct 30, 2023
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SI (EP 3,211,899) - Exp. Jan 29, 2024
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SM (EP 3,211,899) - Exp. Jan 30, 2024
SM (EP 3,214,838) - Exp. Jan 30, 2024

Maxell. Ltd.

JP 4,542,447 - Exp. Feb 18, 2025
JP 5,010,709 - Exp. Apr 28, 2024
JP 5,236,088 - Exp. Feb 18, 2025
JP 5,547,171 - Exp. Apr 28, 2024
JP 5,865,966 - Exp. Apr 28, 2024
JP 5,868,909 - Exp. Feb 18, 2025
JP 5,869,635 - Exp. Jul 11, 2023
JP 5,913,474 - Exp. Feb 18, 2025
JP 5,977,718 - Exp. Jul 11, 2023
JP 6,096,871 - Exp. Apr 28, 2024
JP 6,117,302 - Exp. Feb 18, 2025
JP 6,122,931 - Exp. Jul 11, 2023
JP 6,311,085 - Exp. Apr 28, 2024
JP 6,336,017 - Exp. Jul 11, 2023
JP 6,336,228 - Exp. Jul 11, 2023
US 8,923,387 - Exp. Feb 27, 2025
US 9,118,924 - Exp. Feb 27, 2025
US 9,270,998 - Exp. Feb 27, 2025
US 9,277,225 - Exp. Feb 27, 2025
US 9,277,226 - Exp. Feb 27, 2025
US 9,832,473 - Exp. Jul 10, 2023
US 10,104,383 - Exp. Jul 10, 2023

US 10,110,906 - Exp. Jul 10, 2023
US 10,327,004 - Exp. Jul 10, 2023
US 10,349,062 - Exp. Jul 10, 2023

Orange SA

DE (EP 1,230,736) - Exp. Nov 2, 2020
FR (EP 1,230,736) - Exp. Nov 2, 2020
GB (EP 1,230,736) - Exp. Nov 2, 2020
JP 4,836,379 - Exp. Nov 2, 2020
US 6,812,873 - Exp. Dec 7, 2020

Siemens Corp.

CA 2,406,164 - Exp. Apr 9, 2021
CN 1122419C - Exp. Jun 30, 2019
CN 1204752 - Exp. Apr 8, 2021
CN 1297146 - Exp. Sep 10, 2022
DE (EP 1,110,407) - Exp. Jul 1, 2019
DE (EP 1,279,291) - Exp. Apr 9, 2021
DE 10143063 - Exp. Sep 3, 2021
DE 10225434 - Exp. Jun 7, 2022
FR (EP 1,110,407) - Exp. Jul 1, 2019
FR (EP 1,279,291) - Exp. Apr 9, 2021
FR 2737931 - Exp. Aug 9, 2016
GB (EP 1,110,407) - Exp. Jul 1, 2019
GB (EP 1,279,291) - Exp. Apr 9, 2021
GB 2304485 - Exp. Aug 15, 2016
IT (EP 1,110,407) - Exp. Jul 1, 2019
RU 2270530 - Exp. Apr 9, 2021
US 6,115,503 - Exp. Jul 2, 2017
US 7,068,721 - Exp. Mar 21, 2022
US 9,860,564 - Exp. Sep 10, 2022

Tagivan II LLC

AU 2003236034 - Exp. Apr 10, 2023
BE (EP 2,216,995) - Exp. Apr 10, 2023
CA 2,443,861 - Exp. Apr 10, 2023
CH (EP 2,216,995) - Exp. Apr 10, 2023
CN 1271865 - Exp. Apr 9, 2023
CN 100515083 - Exp. Apr 9, 2023
CN 100515084 - Exp. Apr 9, 2023
CN 100542290 - Exp. Apr 9, 2023
CN 100542291 - Exp. Apr 9, 2023
DE (EP 1,499,133) - Exp. Apr 10, 2023
DE (EP 1,821,546) - Exp. Apr 10, 2023
DE (EP 2,216,995) - Exp. Apr 10, 2023
DE (EP 2,216,997) - Exp. Apr 10, 2023

ES (EP 1,499,133) - Exp. Apr 10, 2023
ES (EP 1,821,546) - Exp. Apr 10, 2023
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ID 20546 - Exp. Apr 10, 2023
IN 249851 - Exp. Apr 9, 2023
IN 305791 - Exp. Apr 9, 2023
IN 339840 - Exp. Apr 9, 2023
IT (EP 1,499,133) - Exp. Apr 10, 2023
IT (EP 1,821,546) - Exp. Apr 10, 2023
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IT (EP 2,216,997) - Exp. Apr 10, 2023
JP 4,130,783 - Exp. Apr 8, 2023
JP 5,167,233 - Exp. Apr 8, 2023
KR 947,689 - Exp. Apr 10, 2023
KR 947,690 - Exp. Apr 10, 2023
KR 947,691 - Exp. Apr 10, 2023
KR 947,692 - Exp. Apr 10, 2023
LI (EP 2,216,995) - Exp. Apr 10, 2023
MX 239456 - Exp. Apr 10, 2023
MX 264923 - Exp. Apr 10, 2023
MY 136,457 - Exp. Apr 21, 2023
NL (EP 1,499,133) - Exp. Apr 10, 2023
NL (EP 1,821,546) - Exp. Apr 10, 2023
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SE (EP 2,216,995) - Exp. Apr 10, 2023
TH 80976 - Exp. Apr 22, 2023
TR (EP 1,499,133) - Exp. Apr 10, 2023
TR (EP 2,216,997) - Exp. Apr 10, 2023
TW 281353 - Exp. Apr 21, 2023
US 7,394,853 - Exp. Jun 23, 2025
US 8,155,200 - Exp. Jun 23, 2025
US 9,020,037 - Exp. Apr 9, 2023
US 9,031,132 - Exp. Apr 9, 2023



Alpha Digitech, Inc.

KR 1,226,498

ARRIS Enterprises LLC, a
CommScope Company

BR 112016015643-9
BR 122021021251-1
BR 122021021258-9
BR 122021021290-2
BR 122021021291-0
CA 2,935,303
US 10,341,685
US 11,102,514
US 11,317,121
US 11,343,540
US 11,363,301

Canon Inc.

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AU 2016201554
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AU 2017232033
AU 2018264011
AU 2018271348
AU 2018271349
AU 2018271350
AU 2020250179
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KR 2,030,952	LI (EP 3,742,731)	NL (EP 3,288,264)
KR 2,038,791	LI (EP 3,745,723)	NL (EP 3,396,957)
KR 2,041,744	LI (EP 3,806,464)	NL (EP 3,422,712)
KR 2,042,374	LI (EP 3,806,465)	NL (EP 3,422,713)
KR 2,043,579	LI (EP 3,806,466)	NL (EP 3,474,552)
KR 2,043,580	LI (EP 3,806,468)	NL (EP 3,499,893)
KR 2,043,581	LI (EP 3,806,469)	NL (EP 3,512,199)
KR 2,052,290	LI (EP 3,806,470)	NL (EP 3,518,540)
KR 2,052,291	LI (EP 3,905,679)	NL (EP 3,518,544)
KR 2,052,292	LI (EP 3,972,248)	NL (EP 3,609,180)
KR 2,068,431	LI (EP 3,972,249)	NL (EP 3,654,648)
KR 2,068,432	LI (EP 3,979,643)	NL (EP 3,657,790)
KR 2,068,921	LI (EP 4,075,801)	NL (EP 3,657,791)
KR 2,083,280	LI (EP 4,075,802)	NL (EP 3,657,792)
KR 2,085,498	LI (EP 4,114,002)	NL (EP 3,668,094)
KR 2,086,310	LI (EP 4,114,003)	NL (EP 3,668,095)
KR 2,090,437	LI (EP 4,228,259 C0)	NL (EP 3,737,094)
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LI (EP 2,664,147)	LI (EP 4,228,261 C0)	NL (EP 3,737,096)
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LI (EP 2,777,264)	LT (EP 4,228,260 C0)	NL (EP 3,745,723)
LI (EP 2,777,275)	LT (EP 4,228,261 C0)	NL (EP 3,806,464)
LI (EP 2,805,485)	LU (EP 4,228,259 C0)	NL (EP 3,806,465)
LI (EP 2,805,507)	LU (EP 4,228,260 C0)	NL (EP 3,806,466)
LI (EP 3,070,944)	LU (EP 4,228,261 C0)	NL (EP 3,806,468)
LI (EP 3,099,070)	LV (EP 4,228,259 C0)	NL (EP 3,806,469)
LI (EP 3,174,297)	LV (EP 4,228,260 C0)	NL (EP 3,806,470)
LI (EP 3,244,613)	LV (EP 4,228,261 C0)	NL (EP 3,905,679)
LI (EP 3,247,117)	MT (EP 4,228,259 C0)	NL (EP 3,972,248)
LI (EP 3,253,060)	MT (EP 4,228,260 C0)	NL (EP 3,972,249)
LI (EP 3,288,264)	MT (EP 4,228,261 C0)	NL (EP 3,979,643)

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NL (EP 4,114,002)	PL (EP 3,668,094)	RO (EP 3,099,070)
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NL (EP 4,228,261 C0)	PL (EP 3,737,096)	RO (EP 3,253,060)
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PL (EP 2,805,485)	PT (EP 3,806,465)	RO (EP 3,806,465)
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SE (EP 3,422,712)	SK (EP 3,247,117)	TR (EP 3,288,264)
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SE (EP 3,474,552)	SK (EP 3,288,264)	TR (EP 3,422,712)
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SE (EP 3,512,199)	SK (EP 3,422,712)	TR (EP 3,474,552)
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SE (EP 3,518,544)	SK (EP 3,474,552)	TR (EP 3,512,199)
SE (EP 3,609,180)	SK (EP 3,499,893)	TR (EP 3,518,540)
SE (EP 3,654,648)	SK (EP 3,512,199)	TR (EP 3,518,544)
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SE (EP 3,737,096)	SK (EP 3,668,094)	TR (EP 3,737,094)
SE (EP 3,742,731)	SK (EP 3,668,095)	TR (EP 3,737,095)
SE (EP 3,745,723)	SK (EP 3,737,094)	TR (EP 3,737,096)
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US 9,445,094	US 10,863,192
US 9,716,895	US 10,869,056
US 9,736,495	US 10,887,592
US 9,769,484	US 11,025,953
US 9,774,886	US 11,050,902
US 9,794,596	US 11,050,903
US 9,826,241	US 11,057,546
US 9,848,208	US 11,064,198
US 9,918,089	US 11,076,173
US 9,930,332	US 11,109,050
US 9,979,968	US 11,134,264
US 9,979,979	US 11,134,265
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US 10,349,077	US 11,936,896
US 10,382,757	US 11,936,897
US 10,397,575	US 11,943,465
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Digital Insights Inc.

KR 1,618,117
KR 1,795,517

Hangzhou Boyun Technology Co., Ltd.

CN 104012094
CN 104869400
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CN 104883568
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HK 1,199,588
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Hangzhou Hikvision Digital Technology Co., Ltd.

CN 104378644
CN 112383780
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KR 1,388,469
KR 1,539,178
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HUMAX Co., Ltd.

CN 201180038054.1	DE (EP 3,402,197)	KR 1,531,397
CN 201510176228.0	DE (EP 3,941,051)	KR 1,562,343
CN 201510209330.6	ES (EP 2,608,540)	KR 1,581,742
CN 201510219813.4	ES (EP 3,402,194)	KR 1,620,441
CN 201510226239.5	ES (EP 3,402,196)	KR 1,650,464
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CN 201610726637.8	FI (EP 2,608,540)	KR 1,700,411
CN 201610728919.1	FR (EP 2,608,540)	KR 1,713,295
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KR 1,630,147	HU (EP 3,402,196)	KR 2,003,051
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KR 1,633,294	HU (EP 3,402,198)	KR 2,062,821
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KR 1,701,176	IT (EP 2,608,540)	KR 2,233,263
US 8,861,616	IT (EP 3,402,194)	KR 2,343,371
US 8,929,460	IT (EP 3,402,196)	KR 2,447,472
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US 9,036,944	IT (EP 3,941,051)	KR 2,549,817
US 9,053,543	JP 5,664,584	NL (EP 2,608,540)
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US 9,154,790	JP 5,954,514	PL (EP 3,402,196)
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	JP 6,163,176	PL (EP 3,941,051)
	JP 6,256,565	RU 2607998
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	JP 6,615,922	SE (EP 2,608,540)
	JP 6,625,680	SK (EP 3,402,194)
	JP 6,636,551	SK (EP 3,402,196)
	KR 928,325	SK (EP 3,402,197)
	KR 1,348,613	SK (EP 3,402,198)
	KR 1,424,221	TR (EP 3,402,194)
	KR 1,424,222	TR (EP 3,402,196)
	KR 1,424,223	TR (EP 3,402,197)
	KR 1,440,610	TR (EP 3,402,198)

IDEAHUB, Inc.

BR 112014023948-7
BR 122020010110-5
CN 201180039691.0
CN 201610517204.1
CN 201610518671.6
CN 201610518674.X
CN 201610519076.4
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DE (EP 3,402,196)

TR (EP 3,941,051)
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**Industry-Academy Cooperation
Foundation of Sejong University**

CN 113810705
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**Korea Electronics Technology
Institute**

US Re. 47,897

KT Corp.

AT (EP 2,672,710)
AT (EP 2,787,728)
AU 2012259700
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AU 2012310514
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CA 2,946,947

CA 2,958,027	CN 201510501922.5	FR (EP 2,672,710)
CA 2,968,598	CN 201610740915.5	FR (EP 2,787,728)
CN 106851315	CN 201610832206.X	FR (EP 3,179,723)
CN 106878743	CN 201610832388.0	FR (EP 3,754,990)
CN 107087193	CN 201611207616.1	GB 2,506,039
CN 107094259	CN 201611207630.1	GB 2,507,910
CN 107105244	CN 201710474789.8	GB 2,508,739
CN 107105267	CN 201710475194.4	GB 2,509,670
CN 107105268	CN 201710475763.5	GB 2,509,671
CN 107396100	CN 201710477690.3	GB 2,509,881
CN 107483926	CN 201710596277.9	GB 2,510,078
CN 107483927	CN 201710597951.5	GB 2,510,289
CN 107483946	CN 201710735700.9	GB 2,551,086
CN 107517377	CN 201710736975.4	GB 2,551,087
CN 107517379	CN 201710909575.9	GB 2,551,088
CN 107580220	CN 201710911191.0	GB 2,551,290
CN 107580223	CN 201711215886.1	GB 2,554,311
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CN 107592528	DE (EP 2,787,728)	GB 2,555,287
CN 107592545	DE (EP 3,179,723)	GB 2,556,489
CN 107592546	DE (EP 3,754,990)	GB 2,556,649
CN 107659816	ES 2450643	GB 2,556,695
CN 107820079	ES 2487993	GB 2,557,516
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CN 107835416	ES 2545039	GB 2,559,062
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CN 107835420	ES 2,572,577	GB 2,559,064
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CN 108174211	ES 2,596,027	GB 2,559,227
CN 108174212	ES 2,597,431	GB 2,559,438
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ID P000057002	JP 6,595,019	KR 1,905,159
ID P000058189	JP 6,595,020	KR 1,951,694
ID P000058190	JP 6,619,045	KR 1,951,695
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ID P000058391	KR 1,204,026	KR 1,951,697
ID P000058673	KR 1,383,775	KR 1,983,267
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ID P000063920	KR 1,455,181	KR 2,030,719
ID P000063926	KR 1,455,182	MX 324,766
ID P000064215	KR 1,455,183	MX 324,848
ID P000065183	KR 1,456,277	MX 330,890
ID P000065258	KR 1,457,929	MX 330,913
ID P000067003	KR 1,457,930	MX 332,708
ID P000072575	KR 1,458,794	MX 333,031
ID P000073089	KR 1,458,968	MX 334,355
ID P000073796	KR 1,496,830	MX 335,484
ID P000080954	KR 1,496,831	MX 335,665
ID P000089059	KR 1,508,291	MX 336,750
IN 344630	KR 1,508,292	MX 338,137
IN 358819	KR 1,508,486	MX 338,476
IN 402955	KR 1,508,894	MX 339,392
IN 405830	KR 1,508,895	MX 341,051
IN 408109	KR 1,520,369	MX 341,932
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IN 413972	KR 1,539,107	MX 346,769
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Addendum of Patents of Terminated HEVC Licensors

Addendum of Patents of Terminated HEVC Licensors

The following listed patents were contributed to the HEVC Patent Portfolio by an entity that has since terminated as a Licensor. For as long as they continue to be a Licensee, those Licensees with a license in effect prior to the date of such Licensor's termination retain their license to such Licensor's HEVC Patent Portfolio patents (including those listed below) that the Licensor or its Affiliates presently or in the future has the right to license or sublicense (without payment to any third party which is not an Affiliate), including on or after such termination date.

B1 Institute of Image
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CN 114245119	HK 40089890	US 11,165,958
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CN 114531587	IN 433633	US 11,539,881
CN 114531589	IN 433634	US 11,539,882
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CN 108769706	DE (EP 3,346,707)	FR (EP 3,767,952)
CN 108769709	DE (EP 3,346,708)	FR (EP 3,968,639)
CN 108769710	DE (EP 3,448,035)	FR (EP 3,968,640)
CN 108769711	DE (EP 3,767,952)	FR (EP 3,968,641)
CN 108769712	DE (EP 3,968,639)	GB (EP 2,672,708)
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CN 108924571	DE (EP 3,968,641)	GB (EP 2,757,791)
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Electronics and
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Institute and Korea Advanced
Institute of Science and
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**Electronics and
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Institute, Kwangwoon University
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CN 201410432281.8
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CN 107071469	GR (EP 3,512,197)	KR 1,442,127
CN 107087194	HK 1,244,607	KR 1,552,639
CN 107087195	HK 1,244,608	KR 1,559,523
CN 107105270	HK 1,244,609	KR 1,566,366
CN 107105271	HK 1,244,610	KR 1,569,086
CN 107105288	HR (EP 3,512,197)	KR 1,575,777
CN 107105289	HU (EP 3,512,197)	KR 1,588,601
CN 107105290	ID P000064270	KR 1,593,126
CN 107105291	ID P000069350	KR 1,611,409
CN 107105292	ID P000069686	KR 1,619,972
CN 107105293	ID P000069875	KR 1,619,975
CN 107181956	ID P000078302	KR 1,620,619
CN 107181962	IE (EP 2,806,642)	KR 1,642,123
CN 107197268	IE (EP 3,512,197)	KR 1,642,371
CN 107197309	IS (EP 3,512,197)	KR 1,669,541
CN 107197310	IT (EP 2,725,798)	KR 1,672,494
CN 107197311	IT (EP 3,512,197)	KR 1,677,696
CN 107257487	JP 5,869,681	KR 1,706,166
CN 107257488	JP 5,970,022	KR 1,706,276
CN 107454419	JP 6,100,344	KR 1,708,265
CN 107454420	JP 6,147,707	KR 1,709,775
CN 107454421	JP 6,157,672	KR 1,737,607
CN 108777795	JP 6,167,202	KR 1,740,389
CN 109194961	JP 6,185,461	KR 1,741,037
CN 109413423	JP 6,228,261	KR 1,769,085
CN 109413428	JP 6,334,634	KR 1,769,427
CN 109413429	JP 6,364,110	KR 1,769,573
CN 111629208	JP 6,388,690	KR 1,769,574
CN 201180067417.4	JP 6,492,147	KR 1,769,576
CN 201280031037.X	JP 6,518,274	KR 1,769,936
CN 201280059565.6	JP 6,578,418	KR 1,769,937
CN 201510106530.9	JP 6,648,219	KR 1,769,938
CZ (EP 3,512,197)	JP 6,660,970	KR 1,801,255
DE (EP 2,725,798)	JP 6,681,937	KR 1,801,256
DE (EP 2,806,642)	JP 6,724,198	KR 1,801,902
DE (EP 3,512,197)	JP 6,840,779	KR 1,801,903
DK (EP 2,725,798)	JP 6,895,555	KR 1,801,904
DK (EP 3,512,197)	JP 6,900,521	KR 1,801,905
EE (EP 3,512,197)	JP 6,929,907	KR 1,802,957
ES (EP 2,725,798)	JP 6,992,128	KR 1,805,429
ES (EP 3,512,197)	JP 7,087,169	KR 1,831,311
FI (EP 2,725,798)	JP 7,094,425	KR 1,835,625

KR 1,836,094	KR 2,165,340	US Re. 47,465
KR 1,836,981	KR 2,177,409	US Re. 49,330
KR 1,837,040	KR 2,185,954	US 8,842,924
KR 1,838,183	KR 2,216,320	US 8,964,834
KR 1,863,082	KR 2,219,262	US 8,989,262
KR 1,867,884	KR 2,294,054	US 9,002,123
KR 1,870,308	KR 2,294,055	US 9,008,180
KR 1,876,379	KR 2,294,733	US 9,282,342
KR 1,891,656	KR 2,296,826	US 9,288,491
KR 1,907,078	KR 2,320,585	US 9,363,509
KR 1,920,352	KR 2,330,155	US 9,420,312
KR 1,920,353	KR 2,398,997	US 9,432,675
KR 1,920,354	KR 2,399,001	US 9,432,697
KR 1,922,564	KR 2,399,795	US 9,462,290
KR 1,924,088	KR 2,401,749	US 9,516,323
KR 1,924,089	KR 2,412,271	US 9,532,042
KR 1,924,090	KR 2,420,426	US 9,532,064
KR 1,928,850	KR 2,421,921	US 9,554,130
KR 1,928,851	KR 2,435,393	US 9,743,082
KR 1,949,763	KR 2,475,242	US 9,743,096
KR 1,950,014	KR 2,480,967	US 9,749,632
KR 1,950,015	KR 2,508,989	US 9,762,923
KR 1,950,209	KR 2,548,737	US 9,819,963
KR 1,962,183	LI (EP 2,725,798)	US 9,843,803
KR 1,965,287	LI (EP 2,806,642)	US 9,843,809
KR 1,969,051	LI (EP 3,512,197)	US 9,854,239
KR 1,972,407	LT (EP 3,512,197)	US 9,854,248
KR 1,974,952	LU (EP 2,806,642)	US 9,918,083
KR 1,979,284	LU (EP 3,512,197)	US 9,936,218
KR 1,979,781	LV (EP 3,512,197)	US 9,955,155
KR 1,990,422	MC (EP 3,512,197)	US 9,955,169
KR 1,990,423	MK (EP 3,512,197)	US 9,986,238
KR 1,990,424	MT (EP 3,512,197)	US 10,021,406
KR 1,990,425	NL (EP 2,725,798)	US 10,045,026
KR 2,001,408	NL (EP 3,512,197)	US 10,045,031
KR 2,011,491	NO (EP 3,512,197)	US 10,085,031
KR 2,015,374	PL (EP 2,725,798)	US 10,091,503
KR 2,018,112	PL (EP 3,512,197)	US 10,129,567
KR 2,035,565	PT (EP 2,725,798)	US 10,136,157
KR 2,069,784	PT (EP 3,512,197)	US 10,158,852
KR 2,075,061	RO (EP 3,512,197)	US 10,187,643
KR 2,092,829	RS (EP 3,512,197)	US 10,187,644
KR 2,093,205	SE (EP 3,512,197)	US 10,218,972
KR 2,094,436	SI (EP 3,512,197)	US 10,237,577
KR 2,094,975	SK (EP 3,512,197)	US 10,250,880
KR 2,127,687	SM (EP 3,512,197)	US 10,284,841
KR 2,129,352	TR (EP 2,725,798)	US 10,334,258
KR 2,133,784	TR (EP 3,512,197)	US 10,368,076
KR 2,157,121	US Re. 46,678	US 10,397,599

US 10,419,765	US 11,750,803	BE (EP 3,833,024)
US 10,425,653		BE (EP 3,910,945)
US 10,536,704	<u>JVCKENWOOD Corporation</u>	BE (EP 3,910,947)
US 10,554,982	<u>(terminated March 30, 2023)</u>	BG (EP 3,754,988)
US 10,554,983		BG (EP 3,833,024)
US 10,574,985	AE 2693	BG (EP 3,910,945)
US 10,587,893	AT (EP 3,754,988)	BG (EP 3,910,947)
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US 10,616,575	AT (EP 3,910,945)	BR 112013032349-3
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US 10,785,503	AU 2020202671	BR 112014024294-1
US 10,863,173	BE (EP 2,717,574)	BR 122020008353-0
US 10,917,645	BE (EP 2,793,467)	BR 122020013891-2
US 10,986,346	BE (EP 2,802,146)	BR 122020013893-9
US 10,986,348	BE (EP 2,838,260)	BR 122020014280-4
US 11,025,901	BE (EP 2,838,261)	BR 122020014458-0
US 11,032,540	BE (EP 2,981,087)	BR 122020015070-0
US 11,051,019	BE (EP 3,249,926)	BR 122020016747-5
US 11,064,191	BE (EP 3,416,383)	CA 2,869,637
US 11,082,686	BE (EP 3,416,384)	CA 2,907,572
US 11,102,471	BE (EP 3,416,385)	CA 2,960,604
US 11,172,206	BE (EP 3,419,289)	CA 3,040,987
US 11,190,767	BE (EP 3,419,290)	CA 3,092,494
US 11,206,424	BE (EP 3,422,714)	CA 3,114,391
US 11,252,407	BE (EP 3,503,554)	CH (EP 2,717,574)
US 11,252,424	BE (EP 3,515,073)	CH (EP 2,793,467)
US 11,323,704	BE (EP 3,515,077)	CH (EP 2,802,146)
US 11,356,665	BE (EP 3,515,078)	CH (EP 2,838,260)
US 11,363,278	BE (EP 3,515,079)	CH (EP 2,838,261)
US 11,381,844	BE (EP 3,515,080)	CH (EP 2,981,087)
US 11,388,393	BE (EP 3,654,651)	CH (EP 3,249,926)
US 11,412,216	BE (EP 3,697,090)	CH (EP 3,416,383)
US 11,412,231	BE (EP 3,697,091)	CH (EP 3,416,384)
US 11,438,593	BE (EP 3,697,092)	CH (EP 3,416,385)
US 11,445,196	BE (EP 3,703,370)	CH (EP 3,419,289)
US 11,516,461	BE (EP 3,703,371)	CH (EP 3,419,290)
US 11,689,728	BE (EP 3,716,621)	CH (EP 3,422,714)
US 11,706,423	BE (EP 3,754,988)	CH (EP 3,503,554)
US 11,729,380	BE (EP 3,833,022)	CH (EP 3,515,073)
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CH (EP 3,515,080)	CN 201610526281.3	DE (EP 2,838,261)
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CN 108174203	CN 201710602298.7	DE (EP 3,515,080)
CN 108235032B	CN 201710602299.1	DE (EP 3,606,074)
CN 109327702	CN 201710720164.5	DE (EP 3,654,651)
CN 109348232	CN 201710720191.2	DE (EP 3,697,090)
CN 109379600	CN 201710720192.7	DE (EP 3,697,091)
CN 109379601	CN 201710720276.0	DE (EP 3,697,092)
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CN 201280029864.5	CZ (EP 2,802,146)	DE (EP 3,716,621)
CN 201280030889.7	CZ (EP 2,838,260)	DE (EP 3,754,988)
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CN 201280060716.X	CZ (EP 3,249,926)	DE (EP 3,833,024)
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CN 201380013459.9	CZ (EP 3,515,077)	DE (EP 3,910,947)
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CN 201480019477.2	CZ (EP 3,515,079)	DK (EP 2,802,146)
CN 201510582018.1	CZ (EP 3,654,651)	DK (EP 2,838,260)
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CN 201510582751.3	CZ (EP 3,697,092)	DK (EP 3,249,926)
CN 201510583247.5	CZ (EP 3,703,370)	DK (EP 3,503,554)
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CN 201610161695.0	DE (EP 2,717,574)	DK (EP 3,703,370)
CN 201610161707.X	DE (EP 2,728,882)	DK (EP 3,703,371)
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DK (EP 3,833,023)	FI (EP 3,716,621)	GB (EP 2,838,261)
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DK (EP 3,910,945)	FI (EP 3,833,022)	GB (EP 3,249,926)
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EE (EP 3,754,988)	FI (EP 3,833,024)	GB (EP 3,416,383)
EE (EP 3,833,024)	FI (EP 3,910,945)	GB (EP 3,416,384)
EE (EP 3,910,945)	FI (EP 3,910,947)	GB (EP 3,416,385)
EE (EP 3,910,947)	FR (EP 2,717,574)	GB (EP 3,419,289)
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ES (EP 2,793,467)	FR (EP 2,793,467)	GB (EP 3,422,714)
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ES (EP 2,981,087)	FR (EP 2,833,632)	GB (EP 3,515,073)
ES (EP 3,249,926)	FR (EP 2,838,260)	GB (EP 3,515,077)
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ES (EP 3,697,090)	FR (EP 3,419,290)	GB (EP 3,703,370)
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FI (EP 2,717,574)	FR (EP 3,697,092)	HR (EP 3,697,092)
FI (EP 2,793,467)	FR (EP 3,703,370)	HR (EP 3,703,371)
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FI (EP 2,838,260)	FR (EP 3,716,621)	HR (EP 3,833,022)
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FI (EP 3,249,926)	FR (EP 3,833,023)	HU (EP 2,717,574)
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HU (EP 3,515,078)	IN 322,135	JP 5,644,701
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HU (EP 3,654,651)	IN 386660	JP 5,664,681
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HU (EP 3,703,370)	IT (EP 2,717,574)	JP 5,664,746
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IE (EP 3,697,090)	JP 5,252,032	JP 5,725,009
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IE (EP 3,703,370)	JP 5,477,343	JP 5,725,105
IE (EP 3,703,371)	JP 5,488,666	JP 5,725,106
IE (EP 3,716,621)	JP 5,561,348	JP 5,725,107

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JP 5,725,121	JP 5,858,109	JP 6,020,761
JP 5,737,381	JP 5,858,110	JP 6,020,762
JP 5,737 382	JP 5,858,111	JP 6,020,763
JP 5,737 383	JP 5,858,112	JP 6,036,965
JP 5,737,384	JP 5,858,191	JP 6,036,974
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JP 5,776,711	JP 5,858,193	JP 6,036,976
JP 5,776,712	JP 5,858,194	JP 6,036,977
JP 5,776,713	JP 5,862,821	JP 6,064,580
JP 5,776,714	JP 5,862,822	JP 6,064,581
JP 5,783,280	JP 5,862,823	JP 6,070,872
JP 5,783,281	JP 5,862,824	JP 6,070,873
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**Korea Advanced Institute of
Science and Technology
(KAIST) and Korean
Broadcasting System (KBS)
(terminated January 2, 2020)**

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**KPIC Ltd. (terminated
September 5, 2021)**

KR 731,884

**NEC Corporation (terminated
January 25, 2023)**

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KR 1,689,997	PL (EP 3,324,635)	US 9,451,259
KR 1,694,667	RU 2562432	US 9,510,011
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KR 1,738,322	RU 2606306	US 9,848,187
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KR 1,814,258	RU 2,636,125	US 10,154,267
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KR 1,829,515	RU 2,644,131	US 10,165,299
KR 1,840,579	RU 2,647,682	US 10,171,830
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KR 1,843,624	RU 2,653,256	US 10,511,862
KR 1,851,326	RU 2,654,149	US 10,728,579
KR 1,865,014	RU 2,662,392	US 10,742,991
KR 1,979,559	RU 2,664,403	US 10,771,790
MX 324,233	RU 2,679,116	US 10,841,588
MX 328,788	RU 2,695,641	US 10,841,590
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MX 330,721	SK (EP 2,733,940)	US 11,323,720
MX 331,278	SK (EP 3,057,321)	US 11,412,261
MX 338,475	SK (EP 3,057,322)	US 11,483,571
MX 338,541	SK (EP 3,057,323)	ZA 2013/07530
MX 339,436	TR (EP 2,595,379)	ZA 2013/07532
MX 341,934	TR (EP 2,645,714)	ZA 2016/00769
MX 341942	TR (EP 2,685,720)	ZA 2016/05507
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NTT DOCOMO, INC.
(terminated January 2, 2020)

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JP 6,321,091	KR 1,817,272	MX 335,139
JP 6,397,555	KR 1,833,933	MX 335,862
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JP 6,486,528	KR 1,848,228	MX 338,236
KR 1,513,956	KR 1,855,975	MX 340,576
KR 1,560,757	KR 1,869,830	MX 341,365
KR 1,572,462	KR 1,878,293	MX 341,412
KR 1,581,399	KR 1,915,079	MX 344,987
KR 1,600,919	KR 1,918,012	MX 345,539
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KR 1,664,202	KR 1,934,051	MX 351,231
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KR 1,672,790	KR 1,952,726	MX 352,293
KR 1,686,519	LI (EP 2,549,758)	MX 352,533
KR 1,686,520	LI (EP 2,594,076)	MX 354,869
KR 1,695,170	LI (EP 2,656,507)	MX 361,484
KR 1,700,236	LI (EP 2,663,077)	NL (EP 2,549,758)
KR 1,708,732	LI (EP 2,899,982)	NL (EP 2,594,076)
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(terminated March 27, 2020)**AE 165/2013
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CY (EP 2,897,365)	CY (EP 3,282,707)	CZ (EP 2,899,981)
CY (EP 2,899,978)	CY (EP 3,300,371)	CZ (EP 2,903,273)
CY (EP 2,899,979)	CZ (EP 2,443,833)	CZ (EP 2,903,274)
CY (EP 2,899,980)	CZ (EP 2,452,493)	CZ (EP 2,903,279)
CY (EP 2,899,981)	CZ (EP 2,452,494)	CZ (EP 2,905,962)
CY (EP 2,903,273)	CZ (EP 2,471,266)	CZ (EP 2,908,525)
CY (EP 2,903,274)	CZ (EP 2,489,186)	CZ (EP 2,911,398)
CY (EP 2,903,279)	CZ (EP 2,510,698)	CZ (EP 2,911,399)
CY (EP 2,905,962)	CZ (EP 2,545,710)	CZ (EP 2,911,400)
CY (EP 2,908,525)	CZ (EP 2545713)	CZ (EP 2,911,401)
CY (EP 2,911,398)	CZ (EP 2,580,912)	CZ (EP 2,924,995)
CY (EP 2,911,399)	CZ (EP 2,592,832)	CZ (EP 2,924,996)
CY (EP 2,911,400)	CZ (EP 2,594,075)	CZ (EP 2,928,192)
CY (EP 2,911,401)	CZ (EP 2,608,539)	CZ (EP 2,940,996)
CY (EP 2,924,995)	CZ (EP 2,629,526)	CZ (EP 2,940,997)
CY (EP 2,924,996)	CZ (EP 2,629,527)	CZ (EP 2,940,999)
CY (EP 2,940,996)	CZ (EP 2,629,528)	CZ (EP 2,950,532)
CY (EP 2,940,997)	CZ (EP 2,640,076)	CZ (EP 2,950,539)
CY (EP 2,940,999)	CZ (EP 2665267)	CZ (EP 2,950,540)
CY (EP 2,950,532)	CZ (EP 2,665,268)	CZ (EP 2,950,541)
CY (EP 2,950,539)	CZ (EP 2,677,749)	CZ (EP 2,950,542)
CY (EP 2,950,540)	CZ (EP 2,677,753)	CZ (EP 2,953,355)
CY (EP 2,950,541)	CZ (EP 2,712,198)	CZ (EP 2,953,356)
CY (EP 2,950,542)	CZ (EP 2712200)	CZ (EP 2,955,917)
CY (EP 2,953,355)	CZ (EP 2713617)	CZ (EP 2,955,918)
CY (EP 2,953,356)	CZ (EP 2,713,618)	CZ (EP 2,986,003)
CY (EP 2,955,917)	CZ (EP 2,728,866)	CZ (EP 2,986,004)
CY (EP 2,955,918)	CZ (EP 2,744,204)	CZ (EP 2,986,005)
CY (EP 2,986,003)	CZ (EP 2,773,109)	CZ (EP 2,996,337)
CY (EP 2,986,004)	CZ (EP 2804383)	CZ (EP 2,996,340)

CZ (EP 2,996,341)	DE (EP 2,640,076)	DE (EP 2,940,997)
CZ (EP 2,996,342)	DE (EP 2665267)	DE (EP 2,940,999)
CZ (EP 2,999,224)	DE (EP 2,665,268)	DE (EP 2,950,532)
CZ (EP 2,999,226)	DE (EP 2,677,749)	DE (EP 2,950,539)
CZ (EP 2,999,227)	DE (EP 2,677,752)	DE (EP 2,950,540)
CZ (EP 3,032,829)	DE (EP 2,677,753)	DE (EP 2,950,541)
CZ (EP 3,059,708)	DE (EP 2,712,198)	DE (EP 2,950,542)
CZ (EP 3,101,900)	DE (EP 2,712,199)	DE (EP 2,953,355)
CZ (EP 3,101,901)	DE (EP 2712200)	DE (EP 2,953,356)
CZ (EP 3,104,616)	DE (EP 2713617)	DE (EP 2,955,917)
CZ (EP 3,104,617)	DE (EP 2,713,618)	DE (EP 2,955,918)
CZ (EP 3,136,728)	DE (EP 2,728,866)	DE (EP 2,986,003)
CZ (EP 3,136,729)	DE (EP 2,744,204)	DE (EP 2,986,004)
CZ (EP 3,145,197)	DE (EP 2,773,109)	DE (EP 2,986,005)
CZ (EP 3,166,317)	DE (EP 2804383)	DE (EP 2,986,006)
CZ (EP 3,232,664)	DE (EP 2,811,745)	DE (EP 2,996,337)
CZ (EP 3,267,683)	DE (EP 2,830,313)	DE (EP 2,996,340)
CZ (EP 3,280,145)	DE (EP 2,838,267)	DE (EP 2,996,341)
CZ (EP 3,282,696)	DE (EP 2,838,270)	DE (EP 2,996,342)
CZ (EP 3,282,705)	DE (EP 2,840,789)	DE (EP 2,999,224)
CZ (EP 3,282,707)	DE (EP 2,854,398)	DE (EP 2,999,226)
CZ (EP 3,300,365)	DE (EP 2,858,366)	DE (EP 2,999,227)
CZ (EP 3,300,371)	DE (EP 2,860,980)	DE (EP 3,032,829)
CZ (EP 3,313,076)	DE (EP 2,863,639)	DE (EP 3,059,708)
CZ (EP 3,322,183)	DE (EP 2,866,442)	DE (EP 3,101,900)
CZ (EP 3,361,732)	DE (EP 2,869,563)	DE (EP 3,101,901)
CZ (EP 3,361,735)	DE (EP 2,882,188)	DE (EP 3,104,616)
CZ (EP 3,416,292)	DE (EP 2,884,749)	DE (EP 3,104,617)
CZ (EP 3,439,307)	DE (EP 2,887,670)	DE (EP 3,136,728)
CZ (EP 3,448,025)	DE (EP 2,890,123)	DE (EP 3,136,729)
CZ (EP 3,448,030)	DE (EP 2,897,364)	DE (EP 3,145,197)
CZ (EP 3,448,039)	DE (EP 2,897,365)	DE (EP 3,166,317)
CZ (EP 3,454,561)	DE (EP 2,899,978)	DE (EP 3,232,664)
CZ (EP 3,461,130)	DE (EP 2,899,979)	DE (EP 3,249,611)
DE (EP 2,443,833)	DE (EP 2,899,980)	DE (EP 3,267,683)
DE (EP 2,452,493)	DE (EP 2,899,981)	DE (EP 3,280,145)
DE (EP 2,452,494)	DE (EP 2,903,273)	DE (EP 3,282,696)
DE (EP 2,471,266)	DE (EP 2,903,274)	DE (EP 3,282,705)
DE (EP 2,489,186)	DE (EP 2,903,279)	DE (EP 3,282,707)
DE (EP 2,510,698)	DE (EP 2,905,962)	DE (EP 3,297,283)
DE (EP 2,545,710)	DE (EP 2,908,525)	DE (EP 3,297,284)
DE (EP 2545713)	DE (EP 2,911,398)	DE (EP 3,300,365)
DE (EP 2,580,912)	DE (EP 2,911,399)	DE (EP 3,300,371)
DE (EP 2,592,832)	DE (EP 2,911,400)	DE (EP 3,313,076)
DE (EP 2,594,075)	DE (EP 2,911,401)	DE (EP 3,322,183)
DE (EP 2,608,539)	DE (EP 2,924,995)	DE (EP 3,361,732)
DE (EP 2,629,526)	DE (EP 2,924,996)	DE (EP 3,361,733)
DE (EP 2,629,527)	DE (EP 2,928,192)	DE (EP 3,361,734)
DE (EP 2,629,528)	DE (EP 2,940,996)	DE (EP 3,361,735)

DE (EP 3,416,292)	DK (EP 2,882,188)	DK (EP 3,104,617)
DE (EP 3,435,675)	DK (EP 2,884,749)	DK (EP 3,136,728)
DE (EP 3,439,307)	DK (EP 2,887,670)	DK (EP 3,136,729)
DE (EP 3,448,025)	DK (EP 2,890,123)	DK (EP 3,145,197)
DE (EP 3,448,030)	DK (EP 2,897,364)	DK (EP 3,166,317)
DE (EP 3,448,039)	DK (EP 2,897,365)	DK (EP 3,232,664)
DE (EP 3,454,561)	DK (EP 2,899,978)	DK (EP 3,249,611)
DE (EP 3,461,130)	DK (EP 2,899,979)	DK (EP 3,267,683)
DE (EP 3,462,737)	DK (EP 2,899,980)	DK (EP 3,280,145)
DK (EP 2,443,833)	DK (EP 2,899,981)	DK (EP 3,282,696)
DK (EP 2,452,493)	DK (EP 2,903,273)	DK (EP 3,282,705)
DK (EP 2,452,494)	DK (EP 2,903,274)	DK (EP 3,282,707)
DK (EP 2,471,266)	DK (EP 2,903,279)	DK (EP 3,297,283)
DK (EP 2,489,186)	DK (EP 2,905,962)	DK (EP 3,297,284)
DK (EP 2,510,698)	DK (EP 2,908,525)	DK (EP 3,300,365)
DK (EP 2,545,710)	DK (EP 2,911,398)	DK (EP 3,300,371)
DK (EP 2545713)	DK (EP 2,911,399)	DK (EP 3,322,183)
DK (EP 2,580,912)	DK (EP 2,911,400)	DK (EP 3,361,732)
DK (EP 2,592,832)	DK (EP 2,911,401)	DK (EP 3,361,733)
DK (EP 2,594,075)	DK (EP 2,924,995)	DK (EP 3,361,734)
DK (EP 2,608,539)	DK (EP 2,924,996)	DK (EP 3,361,735)
DK (EP 2,629,526)	DK (EP 2,928,192)	DK (EP 3,416,292)
DK (EP 2,629,527)	DK (EP 2,940,996)	DK (EP 3,439,307)
DK (EP 2,629,528)	DK (EP 2,940,997)	DK (EP 3,448,025)
DK (EP 2,640,076)	DK (EP 2,940,999)	DK (EP 3,448,030)
DK (EP 2665267)	DK (EP 2,950,532)	DK (EP 3,448,039)
DK (EP 2,665,268)	DK (EP 2,950,539)	DK (EP 3,454,561)
DK (EP 2,677,749)	DK (EP 2,950,540)	DK (EP 3,461,130)
DK (EP 2,677,752)	DK (EP 2,950,541)	DK (EP 3,462,737)
DK (EP 2,677,753)	DK (EP 2,950,542)	EE (EP 2,452,494)
DK (EP 2,712,198)	DK (EP 2,953,355)	EE (EP 2545713)
DK (EP 2712200)	DK (EP 2,953,356)	EE (EP 2,592,832)
DK (EP 2713617)	DK (EP 2,955,917)	EE (EP 2,629,528)
DK (EP 2,713,618)	DK (EP 2,955,918)	EE (EP 2,640,076)
DK (EP 2,728,866)	DK (EP 2,986,003)	EE (EP 2665267)
DK (EP 2,744,204)	DK (EP 2,986,004)	EE (EP 2,665,268)
DK (EP 2,773,109)	DK (EP 2,986,005)	EE (EP 2,712,198)
DK (EP 2804383)	DK (EP 2,996,337)	EE (EP 2712200)
DK (EP 2,811,745)	DK (EP 2,996,340)	EE (EP 2713617)
DK (EP 2,830,313)	DK (EP 2,996,341)	EE (EP 2,713,618)
DK (EP 2,838,267)	DK (EP 2,996,342)	EE (EP 2804383)
DK (EP 2,838,270)	DK (EP 2,999,224)	ES (EP 2,443,833)
DK (EP 2,840,789)	DK (EP 2,999,226)	ES (EP 2,452,493)
DK (EP 2,854,398)	DK (EP 2,999,227)	ES (EP 2,452,494)
DK (EP 2,858,366)	DK (EP 3,032,829)	ES (EP 2,471,266)
DK (EP 2,860,980)	DK (EP 3,059,708)	ES (EP 2,489,186)
DK (EP 2,863,639)	DK (EP 3,101,900)	ES (EP 2,510,698)
DK (EP 2,866,442)	DK (EP 3,101,901)	ES (EP 2,545,710)
DK (EP 2,869,563)	DK (EP 3,104,616)	ES (EP 2545713)

ES (EP 2,580,912)	ES (EP 2,911,400)	ES (EP 3,313,076)
ES (EP 2,592,832)	ES (EP 2,911,401)	ES (EP 3,322,183)
ES (EP 2,594,075)	ES (EP 2,924,995)	ES (EP 3,361,732)
ES (EP 2,608,539)	ES (EP 2,924,996)	ES (EP 3,361,733)
ES (EP 2,629,526)	ES (EP 2,928,192)	ES (EP 3,361,734)
ES (EP 2,629,527)	ES (EP 2,940,996)	ES (EP 3,361,735)
ES (EP 2,629,528)	ES (EP 2,940,997)	ES (EP 3,416,292)
ES (EP 2,640,076)	ES (EP 2,940,999)	ES (EP 3,435,675)
ES (EP 2665267)	ES (EP 2,950,532)	ES (EP 3,439,307)
ES (EP 2,665,268)	ES (EP 2,950,539)	ES (EP 3,448,025)
ES (EP 2,677,749)	ES (EP 2,950,540)	ES (EP 3,448,030)
ES (EP 2,677,752)	ES (EP 2,950,541)	ES (EP 3,448,039)
ES (EP 2,677,753)	ES (EP 2,950,542)	ES (EP 3,454,561)
ES (EP 2,712,198)	ES (EP 2,953,355)	ES (EP 3,461,130)
ES (EP 2712200)	ES (EP 2,953,356)	ES (EP 3,462,737)
ES (EP 2713617)	ES (EP 2,955,917)	FI (EP 2,443,833)
ES (EP 2,713,618)	ES (EP 2,955,918)	FI (EP 2,452,493)
ES (EP 2,728,866)	ES (EP 2,986,003)	FI (EP 2,452,494)
ES (EP 2,744,204)	ES (EP 2,986,004)	FI (EP 2,471,266)
ES (EP 2,773,109)	ES (EP 2,986,005)	FI (EP 2,489,186)
ES (EP 2804383)	ES (EP 2,986,006)	FI (EP 2,510,698)
ES (EP 2,811,745)	ES (EP 2,996,337)	FI (EP 2,545,710)
ES (EP 2,830,313)	ES (EP 2,996,340)	FI (EP 2545713)
ES (EP 2,838,267)	ES (EP 2,996,341)	FI (EP 2,580,912)
ES (EP 2,838,270)	ES (EP 2,996,342)	FI (EP 2,592,832)
ES (EP 2,840,789)	ES (EP 2,999,224)	FI (EP 2,594,075)
ES (EP 2,854,398)	ES (EP 2,999,226)	FI (EP 2,608,539)
ES (EP 2,858,366)	ES (EP 2,999,227)	FI (EP 2,629,526)
ES (EP 2,860,980)	ES (EP 3,032,829)	FI (EP 2,629,527)
ES (EP 2,863,639)	ES (EP 3,059,708)	FI (EP 2,629,528)
ES (EP 2,866,442)	ES (EP 3,101,900)	FI (EP 2,640,076)
ES (EP 2,869,563)	ES (EP 3,101,901)	FI (EP 2665267)
ES (EP 2,882,188)	ES (EP 3,104,616)	FI (EP 2,665,268)
ES (EP 2,884,749)	ES (EP 3,104,617)	FI (EP 2,677,749)
ES (EP 2,887,670)	ES (EP 3,136,728)	FI (EP 2,712,198)
ES (EP 2,890,123)	ES (EP 3,136,729)	FI (EP 2712200)
ES (EP 2,897,364)	ES (EP 3,145,197)	FI (EP 2713617)
ES (EP 2,897,365)	ES (EP 3,166,317)	FI (EP 2,713,618)
ES (EP 2,899,978)	ES (EP 3,232,664)	FI (EP 2,728,866)
ES (EP 2,899,979)	ES (EP 3,249,611)	FI (EP 2,744,204)
ES (EP 2,899,980)	ES (EP 3,267,683)	FI (EP 2,773,109)
ES (EP 2,899,981)	ES (EP 3,280,145)	FI (EP 2804383)
ES (EP 2,903,273)	ES (EP 3,282,696)	FI (EP 2,811,745)
ES (EP 2,903,274)	ES (EP 3,282,705)	FI (EP 2,838,267)
ES (EP 2,903,279)	ES (EP 3,282,707)	FI (EP 2,838,270)
ES (EP 2,905,962)	ES (EP 3,297,283)	FI (EP 2,840,789)
ES (EP 2,908,525)	ES (EP 3,297,284)	FI (EP 2,854,398)
ES (EP 2,911,398)	ES (EP 3,300,365)	FI (EP 2,858,366)
ES (EP 2,911,399)	ES (EP 3,300,371)	FI (EP 2,860,980)

FI (EP 2,863,639)	FI (EP 3,104,616)	FR (EP 2,854,398)
FI (EP 2,866,442)	FI (EP 3,104,617)	FR (EP 2,858,366)
FI (EP 2,869,563)	FI (EP 3,136,728)	FR (EP 2,860,980)
FI (EP 2,882,188)	FI (EP 3,136,729)	FR (EP 2,863,639)
FI (EP 2,884,749)	FI (EP 3,145,197)	FR (EP 2,866,442)
FI (EP 2,887,670)	FI (EP 3,166,317)	FR (EP 2,869,563)
FI (EP 2,890,123)	FI (EP 3,232,664)	FR (EP 2,882,188)
FI (EP 2,897,364)	FI (EP 3,267,683)	FR (EP 2,884,749)
FI (EP 2,897,365)	FI (EP 3,280,145)	FR (EP 2,887,670)
FI (EP 2,899,979)	FI (EP 3,282,696)	FR (EP 2,890,123)
FI (EP 2,899,980)	FI (EP 3,282,705)	FR (EP 2,897,364)
FI (EP 2,899,981)	FI (EP 3,282,707)	FR (EP 2,897,365)
FI (EP 2,903,273)	FI (EP 3,300,371)	FR (EP 2,899,978)
FI (EP 2,903,274)	FI (EP 3,462,737)	FR (EP 2,899,979)
FI (EP 2,903,279)	FR (EP 2,443,833)	FR (EP 2,899,980)
FI (EP 2,905,962)	FR (EP 2,452,493)	FR (EP 2,899,981)
FI (EP 2,908,525)	FR (EP 2,452,494)	FR (EP 2,903,273)
FI (EP 2,911,398)	FR (EP 2,471,266)	FR (EP 2,903,274)
FI (EP 2,911,399)	FR (EP 2,489,186)	FR (EP 2,903,279)
FI (EP 2,911,400)	FR (EP 2,510,698)	FR (EP 2,905,962)
FI (EP 2,911,401)	FR (EP 2,545,710)	FR (EP 2,908,525)
FI (EP 2,924,995)	FR (EP 2545713)	FR (EP 2,911,398)
FI (EP 2,924,996)	FR (EP 2,580,912)	FR (EP 2,911,399)
FI (EP 2,928,192)	FR (EP 2,592,832)	FR (EP 2,911,400)
FI (EP 2,940,996)	FR (EP 2,594,075)	FR (EP 2,911,401)
FI (EP 2,940,997)	FR (EP 2,608,539)	FR (EP 2,924,995)
FI (EP 2,940,999)	FR (EP 2,629,526)	FR (EP 2,924,996)
FI (EP 2,950,532)	FR (EP 2,629,527)	FR (EP 2,928,192)
FI (EP 2,950,539)	FR (EP 2,629,528)	FR (EP 2,940,996)
FI (EP 2,950,540)	FR (EP 2,640,076)	FR (EP 2,940,997)
FI (EP 2,950,541)	FR (EP 2665267)	FR (EP 2,940,999)
FI (EP 2,950,542)	FR (EP 2,665,268)	FR (EP 2,950,532)
FI (EP 2,953,355)	FR (EP 2,677,749)	FR (EP 2,950,539)
FI (EP 2,953,356)	FR (EP 2,677,752)	FR (EP 2,950,540)
FI (EP 2,955,917)	FR (EP 2,677,753)	FR (EP 2,950,541)
FI (EP 2,955,918)	FR (EP 2,712,198)	FR (EP 2,950,542)
FI (EP 2,986,003)	FR (EP 2,712,199)	FR (EP 2,953,355)
FI (EP 2,986,004)	FR (EP 2712200)	FR (EP 2,953,356)
FI (EP 2,986,005)	FR (EP 2713617)	FR (EP 2,955,917)
FI (EP 2,996,337)	FR (EP 2,713,618)	FR (EP 2,955,918)
FI (EP 2,996,340)	FR (EP 2,728,866)	FR (EP 2,986,003)
FI (EP 2,996,341)	FR (EP 2,744,204)	FR (EP 2,986,004)
FI (EP 2,996,342)	FR (EP 2,773,109)	FR (EP 2,986,005)
FI (EP 2,999,224)	FR (EP 2804383)	FR (EP 2,986,006)
FI (EP 2,999,226)	FR (EP 2,811,745)	FR (EP 2,996,337)
FI (EP 2,999,227)	FR (EP 2,830,313)	FR (EP 2,996,340)
FI (EP 3,059,708)	FR (EP 2,838,267)	FR (EP 2,996,341)
FI (EP 3,101,900)	FR (EP 2,838,270)	FR (EP 2,996,342)
FI (EP 3,101,901)	FR (EP 2,840,789)	FR (EP 2,999,224)

FR (EP 2,999,226)	GB (EP 2,629,526)	GB (EP 2,924,996)
FR (EP 2,999,227)	GB (EP 2,629,527)	GB (EP 2,928,192)
FR (EP 3,032,829)	GB (EP 2,629,528)	GB (EP 2,940,996)
FR (EP 3,059,708)	GB (EP 2,640,076)	GB (EP 2,940,997)
FR (EP 3,101,900)	GB (EP 2665267)	GB (EP 2,940,999)
FR (EP 3,101,901)	GB (EP 2,665,268)	GB (EP 2,950,532)
FR (EP 3,104,616)	GB (EP 2,677,749)	GB (EP 2,950,539)
FR (EP 3,104,617)	GB (EP 2,677,752)	GB (EP 2,950,540)
FR (EP 3,136,728)	GB (EP 2,677,753)	GB (EP 2,950,541)
FR (EP 3,136,729)	GB (EP 2,712,198)	GB (EP 2,950,542)
FR (EP 3,145,197)	GB (EP 2,712,199)	GB (EP 2,953,355)
FR (EP 3,166,317)	GB (EP 2712200)	GB (EP 2,953,356)
FR (EP 3,232,664)	GB (EP 2713617)	GB (EP 2,955,917)
FR (EP 3,249,611)	GB (EP 2,713,618)	GB (EP 2,955,918)
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FR (EP 3,280,145)	GB (EP 2,744,204)	GB (EP 2,986,004)
FR (EP 3,282,696)	GB (EP 2,773,109)	GB (EP 2,986,005)
FR (EP 3,282,705)	GB (EP 2804383)	GB (EP 2,986,006)
FR (EP 3,282,707)	GB (EP 2,811,745)	GB (EP 2,996,337)
FR (EP 3,297,283)	GB (EP 2,830,313)	GB (EP 2,996,340)
FR (EP 3,297,284)	GB (EP 2,838,267)	GB (EP 2,996,341)
FR (EP 3,300,365)	GB (EP 2,838,270)	GB (EP 2,996,342)
FR (EP 3,300,371)	GB (EP 2,840,789)	GB (EP 2,999,224)
FR (EP 3,313,076)	GB (EP 2,854,398)	GB (EP 2,999,226)
FR (EP 3,322,183)	GB (EP 2,858,366)	GB (EP 2,999,227)
FR (EP 3,361,732)	GB (EP 2,860,980)	GB (EP 3,032,829)
FR (EP 3,361,733)	GB (EP 2,863,639)	GB (EP 3,059,708)
FR (EP 3,361,734)	GB (EP 2,866,442)	GB (EP 3,101,900)
FR (EP 3,361,735)	GB (EP 2,869,563)	GB (EP 3,101,901)
FR (EP 3,416,292)	GB (EP 2,882,188)	GB (EP 3,104,616)
FR (EP 3,435,675)	GB (EP 2,884,749)	GB (EP 3,104,617)
FR (EP 3,439,307)	GB (EP 2,887,670)	GB (EP 3,136,728)
FR (EP 3,448,025)	GB (EP 2,890,123)	GB (EP 3,136,729)
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FR (EP 3,454,561)	GB (EP 2,899,978)	GB (EP 3,232,664)
FR (EP 3,461,130)	GB (EP 2,899,979)	GB (EP 3,249,611)
GB (EP 2,443,833)	GB (EP 2,899,980)	GB (EP 3,267,683)
GB (EP 2,452,493)	GB (EP 2,899,981)	GB (EP 3,280,145)
GB (EP 2,452,494)	GB (EP 2,903,273)	GB (EP 3,282,696)
GB (EP 2,471,266)	GB (EP 2,903,274)	GB (EP 3,282,705)
GB (EP 2,489,186)	GB (EP 2,903,279)	GB (EP 3,282,707)
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GB (EP 2,545,710)	GB (EP 2,908,525)	GB (EP 3,297,284)
GB (EP 2545713)	GB (EP 2,911,398)	GB (EP 3,300,365)
GB (EP 2,580,912)	GB (EP 2,911,399)	GB (EP 3,300,371)
GB (EP 2,592,832)	GB (EP 2,911,400)	GB (EP 3,313,076)
GB (EP 2,594,075)	GB (EP 2,911,401)	GB (EP 3,322,183)
GB (EP 2,608,539)	GB (EP 2,924,995)	GB (EP 3,361,732)

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GR (EP 2,863,639)	GR (EP 3,104,616)	HR (EP 2,863,639)
GR (EP 2,866,442)	GR (EP 3,104,617)	HR (EP 2,866,442)
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JP 6,076,414	KR 1,530,285	LI (EP 2,629,528)
JP 6,130,556	KR 1,531,170	LI (EP 2,640,076)
JP 6,231,651	KR 1,539,235	LI (EP 2665267)
JP 6,574,025	KR 1,552,909	LI (EP 2,665,268)
JP 6,673,976	KR 1,564,423	LI (EP 2,677,749)
KE KE714	KR 1,575,004	LI (EP 2,677,752)
KE718	KR 1,575,005	LI (EP 2,712,198)
KE P/2016/002465	KR 1,575,006	LI (EP 2712200)
KR 873,636	KR 1,598,142	LI (EP 2713617)
KR 1,452,713	KR 1,602,873	LI (EP 2,713,618)
KR 1,452,859	KR 1,604,032	LI (EP 2,728,866)
KR 1,452,860	KR 1,607,613	LI (EP 2,744,204)
KR 1,454,642	KR 1,624,649	LI (EP 2,773,109)
KR 1,454,664	KR 1,624,659	LI (EP 2804383)
KR 1,456,498	KR 1,644,539	LI (EP 2,811,745)
KR 1,456,499	KR 1,645,295	LI (EP 2,830,313)
KR 1,456,500	KR 1,650,545	LI (EP 2,838,267)
KR 1,457,396	KR 1,678,572	LI (EP 2,838,270)
KR 1,457,397	KR 1,683,177	LI (EP 2,840,789)
KR 1,457,398	KR 1,703,327	LI (EP 2,854,398)
KR 1,457,399	KR 1,733,794	LI (EP 2,858,366)
KR 1,457,418	KR 1,733,795	LI (EP 2,860,980)
KR 1,457,419	KR 1,743,245	LI (EP 2,863,639)
KR 1,457,894	KR 1,752,763	LI (EP 2,866,442)
KR 1,464,538	KR 1,768,207	LI (EP 2,869,563)
KR 1,470,923	KR 1,820,845	LI (EP 2,882,188)
KR 1,474,756	KR 1,821,703	LI (EP 2,884,749)
KR 1,477,545	KR 1,830,885	LI (EP 2,887,670)
KR 1,477,546	KR 1,882,950	LI (EP 2,890,123)
KR 1,477,621	KR 1,917,656	LI (EP 2,897,364)
KR 1,483,750	KR 1,943,991	LI (EP 2,897,365)
KR 1,484,280	KR 1,974,139	LI (EP 2,899,978)
KR 1,487,686	KR 1,982,819	LI (EP 2,899,979)
KR 1,487,687	KR 2,028,127	LI (EP 2,899,980)

LI (EP 2,899,981)	LI (EP 3,280,145)	LT (EP 2,884,749)
LI (EP 2,903,273)	LI (EP 3,282,696)	LT (EP 2,887,670)
LI (EP 2,903,274)	LI (EP 3,282,705)	LT (EP 2,890,123)
LI (EP 2,903,279)	LI (EP 3,282,707)	LT (EP 2,897,364)
LI (EP 2,905,962)	LI (EP 3,297,283)	LT (EP 2,897,365)
LI (EP 2,908,525)	LI (EP 3,297,284)	LT (EP 2,899,978)
LI (EP 2,911,398)	LI (EP 3,300,371)	LT (EP 2,899,979)
LI (EP 2,911,399)	LI (EP 3,361,733)	LT (EP 2,899,980)
LI (EP 2,911,400)	LI (EP 3,361,734)	LT (EP 2,899,981)
LI (EP 2,911,401)	LI (EP 3,435,675)	LT (EP 2,903,273)
LI (EP 2,924,995)	LK 17013	LT (EP 2,903,274)
LI (EP 2,924,996)	LT (EP 2,443,833)	LT (EP 2,903,279)
LI (EP 2,928,192)	LT (EP 2,452,493)	LT (EP 2,905,962)
LI (EP 2,940,996)	LT (EP 2,452,494)	LT (EP 2,908,525)
LI (EP 2,940,997)	LT (EP 2,471,266)	LT (EP 2,911,398)
LI (EP 2,940,999)	LT (EP 2,489,186)	LT (EP 2,911,399)
LI (EP 2,950,532)	LT (EP 2,510,698)	LT (EP 2,911,400)
LI (EP 2,950,539)	LT (EP 2,545,710)	LT (EP 2,911,401)
LI (EP 2,950,540)	LT (EP 2545713)	LT (EP 2,924,995)
LI (EP 2,950,541)	LT (EP 2,580,912)	LT (EP 2,924,996)
LI (EP 2,950,542)	LT (EP 2,592,832)	LT (EP 2,928,192)
LI (EP 2,953,355)	LT (EP 2,594,075)	LT (EP 2,940,996)
LI (EP 2,953,356)	LT (EP 2,608,539)	LT (EP 2,940,997)
LI (EP 2,955,917)	LT (EP 2,629,526)	LT (EP 2,940,999)
LI (EP 2,955,918)	LT (EP 2,629,527)	LT (EP 2,950,532)
LI (EP 2,986,003)	LT (EP 2,629,528)	LT (EP 2,950,539)
LI (EP 2,986,004)	LT (EP 2,640,076)	LT (EP 2,950,540)
LI (EP 2,986,005)	LT (EP 2665267)	LT (EP 2,950,541)
LI (EP 2,986,006)	LT (EP 2,665,268)	LT (EP 2,950,542)
LI (EP 2,996,337)	LT (EP 2,677,749)	LT (EP 2,953,355)
LI (EP 2,996,340)	LT (EP 2,712,198)	LT (EP 2,953,356)
LI (EP 2,996,341)	LT (EP 2712200)	LT (EP 2,955,917)
LI (EP 2,996,342)	LT (EP 2713617)	LT (EP 2,955,918)
LI (EP 2,999,224)	LT (EP 2,713,618)	LT (EP 2,986,003)
LI (EP 2,999,226)	LT (EP 2,728,866)	LT (EP 2,986,004)
LI (EP 2,999,227)	LT (EP 2,744,204)	LT (EP 2,986,005)
LI (EP 3,032,829)	LT (EP 2,773,109)	LT (EP 2,996,337)
LI (EP 3,059,708)	LT (EP 2804383)	LT (EP 2,996,340)
LI (EP 3,101,900)	LT (EP 2,811,745)	LT (EP 2,996,341)
LI (EP 3,101,901)	LT (EP 2,838,267)	LT (EP 2,996,342)
LI (EP 3,104,616)	LT (EP 2,838,270)	LT (EP 2,999,224)
LI (EP 3,104,617)	LT (EP 2,840,789)	LT (EP 2,999,226)
LI (EP 3,136,728)	LT (EP 2,854,398)	LT (EP 2,999,227)
LI (EP 3,136,729)	LT (EP 2,858,366)	LT (EP 3,059,708)
LI (EP 3,145,197)	LT (EP 2,860,980)	LT (EP 3,101,900)
LI (EP 3,166,317)	LT (EP 2,863,639)	LT (EP 3,101,901)
LI (EP 3,232,664)	LT (EP 2,866,442)	LT (EP 3,104,616)
LI (EP 3,249,611)	LT (EP 2,869,563)	LT (EP 3,104,617)
LI (EP 3,267,683)	LT (EP 2,882,188)	LT (EP 3,136,728)

LT (EP 3,136,729)	LU (EP 2,887,670)	LU (EP 3,145,197)
LT (EP 3,145,197)	LU (EP 2,890,123)	LU (EP 3,166,317)
LT (EP 3,166,317)	LU (EP 2,897,364)	LU (EP 3,232,664)
LT (EP 3,232,664)	LU (EP 2,897,365)	LU (EP 3,267,683)
LT (EP 3,267,683)	LU (EP 2,899,978)	LU (EP 3,280,145)
LT (EP 3,280,145)	LU (EP 2,899,979)	LU (EP 3,282,696)
LT (EP 3,282,696)	LU (EP 2,899,980)	LU (EP 3,282,705)
LT (EP 3,282,705)	LU (EP 2,899,981)	LU (EP 3,282,707)
LT (EP 3,282,707)	LU (EP 2,903,273)	LU (EP 3,300,371)
LT (EP 3,300,371)	LU (EP 2,903,274)	LV (EP 2,443,833)
LU (EP 2,443,833)	LU (EP 2,903,279)	LV (EP 2,452,493)
LU (EP 2,452,493)	LU (EP 2,905,962)	LV (EP 2,452,494)
LU (EP 2,452,494)	LU (EP 2,908,525)	LV (EP 2,471,266)
LU (EP 2,471,266)	LU (EP 2,911,398)	LV (EP 2,489,186)
LU (EP 2,489,186)	LU (EP 2,911,399)	LV (EP 2,510,698)
LU (EP 2,510,698)	LU (EP 2,911,400)	LV (EP 2,545,710)
LU (EP 2,545,710)	LU (EP 2,911,401)	LV (EP 2545713)
LU (EP 2545713)	LU (EP 2,924,995)	LV (EP 2,580,912)
LU (EP 2,580,912)	LU (EP 2,924,996)	LV (EP 2,592,832)
LU (EP 2,592,832)	LU (EP 2,928,192)	LV (EP 2,594,075)
LU (EP 2,594,075)	LU (EP 2,940,996)	LV (EP 2,608,539)
LU (EP 2,608,539)	LU (EP 2,940,997)	LV (EP 2,629,526)
LU (EP 2,629,526)	LU (EP 2,940,999)	LV (EP 2,629,527)
LU (EP 2,629,527)	LU (EP 2,950,532)	LV (EP 2,629,528)
LU (EP 2,629,528)	LU (EP 2,950,539)	LV (EP 2,640,076)
LU (EP 2,640,076)	LU (EP 2,950,540)	LV (EP 2665267)
LU (EP 2665267)	LU (EP 2,950,541)	LV (EP 2,665,268)
LU (EP 2,665,268)	LU (EP 2,950,542)	LV (EP 2,677,749)
LU (EP 2,677,749)	LU (EP 2,953,355)	LV (EP 2,712,198)
LU (EP 2,712,198)	LU (EP 2,953,356)	LV (EP 2712200)
LU (EP 2712200)	LU (EP 2,955,917)	LV (EP 2713617)
LU (EP 2713617)	LU (EP 2,955,918)	LV (EP 2,713,618)
LU (EP 2,713,618)	LU (EP 2,986,003)	LV (EP 2,744,204)
LU (EP 2,728,866)	LU (EP 2,986,004)	LV (EP 2,773,109)
LU (EP 2,744,204)	LU (EP 2,986,005)	LV (EP 2804383)
LU (EP 2,773,109)	LU (EP 2,996,337)	LV (EP 2,811,745)
LU (EP 2804383)	LU (EP 2,996,340)	LV (EP 2,838,267)
LU (EP 2,811,745)	LU (EP 2,996,341)	LV (EP 2,838,270)
LU (EP 2,838,267)	LU (EP 2,996,342)	LV (EP 2,840,789)
LU (EP 2,838,270)	LU (EP 2,999,224)	LV (EP 2,854,398)
LU (EP 2,840,789)	LU (EP 2,999,226)	LV (EP 2,858,366)
LU (EP 2,854,398)	LU (EP 2,999,227)	LV (EP 2,860,980)
LU (EP 2,858,366)	LU (EP 3,059,708)	LV (EP 2,863,639)
LU (EP 2,860,980)	LU (EP 3,101,900)	LV (EP 2,866,442)
LU (EP 2,863,639)	LU (EP 3,101,901)	LV (EP 2,869,563)
LU (EP 2,866,442)	LU (EP 3,104,616)	LV (EP 2,882,188)
LU (EP 2,869,563)	LU (EP 3,104,617)	LV (EP 2,884,749)
LU (EP 2,882,188)	LU (EP 3,136,728)	LV (EP 2,887,670)
LU (EP 2,884,749)	LU (EP 3,136,729)	LV (EP 2,890,123)

LV (EP 2,897,364)	LV (EP 3,267,683)	MK (EP 2,854,398)
LV (EP 2,897,365)	LV (EP 3,280,145)	MK (EP 2,858,366)
LV (EP 2,899,978)	LV (EP 3,282,696)	MK (EP 2,860,980)
LV (EP 2,899,979)	LV (EP 3,282,705)	MK (EP 2,863,639)
LV (EP 2,899,980)	LV (EP 3,282,707)	MK (EP 2,866,442)
LV (EP 2,899,981)	LV (EP 3,300,371)	MK (EP 2,869,563)
LV (EP 2,903,273)	MC (EP 2,452,494)	MK (EP 2,882,188)
LV (EP 2,903,274)	MC (EP 2545713)	MK (EP 2,884,749)
LV (EP 2,903,279)	MC (EP 2,592,832)	MK (EP 2,887,670)
LV (EP 2,905,962)	MC (EP 2,629,528)	MK (EP 2,890,123)
LV (EP 2,908,525)	MC (EP 2,640,076)	MK (EP 2,897,364)
LV (EP 2,911,398)	MC (EP 2665267)	MK (EP 2,897,365)
LV (EP 2,911,399)	MC (EP 2,665,268)	MK (EP 2,899,978)
LV (EP 2,911,400)	MC (EP 2,712,198)	MK (EP 2,899,979)
LV (EP 2,911,401)	MC (EP 2712200)	MK (EP 2,899,980)
LV (EP 2,924,995)	MC (EP 2713617)	MK (EP 2,899,981)
LV (EP 2,924,996)	MC (EP 2,713,618)	MK (EP 2,903,273)
LV (EP 2,940,996)	MC (EP 2804383)	MK (EP 2,903,274)
LV (EP 2,940,997)	MK (EP 2,443,833)	MK (EP 2,903,279)
LV (EP 2,940,999)	MK (EP 2,452,493)	MK (EP 2,905,962)
LV (EP 2,950,532)	MK (EP 2,452,494)	MK (EP 2,908,525)
LV (EP 2,950,539)	MK (EP 2,471,266)	MK (EP 2,911,398)
LV (EP 2,950,540)	MK (EP 2,489,186)	MK (EP 2,911,399)
LV (EP 2,950,541)	MK (EP 2,510,698)	MK (EP 2,911,400)
LV (EP 2,950,542)	MK (EP 2,545,710)	MK (EP 2,911,401)
LV (EP 2,953,355)	MK (EP 2545713)	MK (EP 2,924,995)
LV (EP 2,953,356)	MK (EP 2,580,912)	MK (EP 2,924,996)
LV (EP 2,955,917)	MK (EP 2,592,832)	MK (EP 2,940,997)
LV (EP 2,955,918)	MK (EP 2,594,075)	MK (EP 2,940,999)
LV (EP 2,986,003)	MK (EP 2,608,539)	MK (EP 2,950,532)
LV (EP 2,986,004)	MK (EP 2,629,526)	MK (EP 2,950,539)
LV (EP 2,986,005)	MK (EP 2,629,527)	MK (EP 2,950,540)
LV (EP 2,996,337)	MK (EP 2,629,528)	MK (EP 2,950,541)
LV (EP 2,996,340)	MK (EP 2,640,076)	MK (EP 2,950,542)
LV (EP 2,996,341)	MK (EP 2665267)	MK (EP 2,953,355)
LV (EP 2,996,342)	MK (EP 2,665,268)	MK (EP 2,953,356)
LV (EP 2,999,224)	MK (EP 2,677,749)	MK (EP 2,955,917)
LV (EP 2,999,226)	MK (EP 2,712,198)	MK (EP 2,955,918)
LV (EP 2,999,227)	MK (EP 2712200)	MK (EP 2,986,003)
LV (EP 3,059,708)	MK (EP 2713617)	MK (EP 2,986,004)
LV (EP 3,101,900)	MK (EP 2,713,618)	MK (EP 2,986,005)
LV (EP 3,101,901)	MK (EP 2,728,866)	MK (EP 2,996,337)
LV (EP 3,104,616)	MK (EP 2,744,204)	MK (EP 2,996,340)
LV (EP 3,104,617)	MK (EP 2,773,109)	MK (EP 2,996,341)
LV (EP 3,136,728)	MK (EP 2804383)	MK (EP 2,996,342)
LV (EP 3,136,729)	MK (EP 2,811,745)	MK (EP 2,999,224)
LV (EP 3,145,197)	MK (EP 2,838,267)	MK (EP 2,999,226)
LV (EP 3,166,317)	MK (EP 2,838,270)	MK (EP 2,999,227)
LV (EP 3,232,664)	MK (EP 2,840,789)	MK (EP 3,059,708)

MK (EP 3,101,900)	MX 319,560	MX 329314
MK (EP 3,101,901)	MX 319,561	MX 330592
MK (EP 3,104,616)	MX 319,562	MX 330593
MK (EP 3,104,617)	MX 319,564	MX 331,014
MK (EP 3,136,728)	MX 320,205	MX 331152
MK (EP 3,136,729)	MX 320207	MX 331163
MK (EP 3,145,197)	MX 320,209	MX 331682
MK (EP 3,166,317)	MX 320,213	MX 332082
MK (EP 3,232,664)	MX 320217	MX 332084
MK (EP 3,267,683)	MX 320225	MX 332,245
MK (EP 3,282,696)	MX 320433	MX 332,577
MK (EP 3,282,705)	MX 320435	MX 332579
MK (EP 3,282,707)	MX 320436	MX 332580
MK (EP 3,300,371)	MX 320437	MX 332639
MT (EP 2,452,494)	MX 320438	MX 332673
MT (EP 2545713)	MX 320,458	MX 332,916
MT (EP 2,592,832)	MX 321,898	MX 332,917
MT (EP 2,629,528)	MX 321,899	MX 332,918
MT (EP 2,640,076)	MX 322644	MX 333,204
MT (EP 2665267)	MX 322,645	MX 333,205
MT (EP 2,665,268)	MX 322910	MX 333,206
MT (EP 2,712,198)	MX 322,912	MX 333,207
MT (EP 2712200)	MX 323151	MX 334,249
MT (EP 2713617)	MX 323,296	MX 334250
MT (EP 2,713,618)	MX 323298	MX 334,251
MT (EP 2804383)	MX 323386	MX 334296
MX 310105	MX 323387	MX 334,592
MX 311413	MX 323390	MX 334877
MX 313,556	MX 323391	MX 335,118
MX 313,601	MX 323,423	MX 335119
MX 313,959	MX 323,424	MX 335120
MX 315,450	MX 323,714	MX 335,159
MX 315451	MX 324107	MX 335,160
MX 315,662	MX 324108	MX 335903
MX 315,664	MX 324,186	MX 336,117
MX 316,236	MX 324,187	MX 336,301
MX 316237	MX 324,188	MX 336,302
MX 316,852	MX 324,348	MX 336,303
MX 317649	MX 326,317	MX 336,371
MX 318037	MX 326536	MX 336525
MX 318519	MX 326542	MX 336648
MX 319,044	MX 327389	MX 336649
MX 319,045	MX 327425	MX 336650
MX 319,047	MX 327686	MX 336,876
MX 319,248	MX 327687	MX 336,877
MX 319249	MX 328193	MX 337,142
MX 319,251	MX 328501	MX 337,143
MX 319,332	MX 328689	MX 337,144
MX 319,559	MX 329311	MX 337,230

MX 337,232	MY 164324-A	NL (EP 2,452,493)
MX 337,235	MY 164871-A	NL (EP 2,452,494)
MX 337403	MY 165170A	NL (EP 2,471,266)
MX 337921	MY 165372-A	NL (EP 2,489,186)
MX 338,669	MY 165375-A	NL (EP 2,510,698)
MX 338,670	MY 165376-A	NL (EP 2,545,710)
MX 339,849	MY 165529-A	NL (EP 2545713)
MX 339,850	MY 165841-A	NL (EP 2,580,912)
MX 339998	MY 165858-A	NL (EP 2,592,832)
MX 341305	MY 165859-A	NL (EP 2,594,075)
MX 342394	MY 165981-A	NL (EP 2,608,539)
MX 343865	MY 166069-A	NL (EP 2,629,526)
MX 344091	MY 166149-A	NL (EP 2,629,527)
MX 346477	MY 166200-A	NL (EP 2,629,528)
MX 346,561	MY 166893-A	NL (EP 2,640,076)
MX 347,473	MY 167146-A	NL (EP 2665267)
MX 349298	MY-167815-A	NL (EP 2,665,268)
MX 353742	MY 168224-A	NL (EP 2,677,749)
MX 354286	MY-168314-A	NL (EP 2,677,752)
MX 354287	MY-168315-A	NL (EP 2,677,753)
MX 354336	MY 168324-A	NL (EP 2,712,198)
MX 356391	MY-168325-A	NL (EP 2712200)
MX 358773	MY 169355A	NL (EP 2713617)
MX 364043	MY 169873A	NL (EP 2,713,618)
MY 173540-A	MY 170156A	NL (EP 2,728,866)
MY 153787A	MY 171306-A	NL (EP 2,744,204)
MY-153844-A	MY 171636-A	NL (EP 2,773,109)
MY 154147A	MY 172478-A	NL (EP 2804383)
MY-154665-A	MY 172652-A	NL (EP 2,811,745)
MY-154795-A	MY 172727-A	NL (EP 2,830,313)
MY 155120-A	MY 172871-A	NL (EP 2,838,267)
MY-155121-4	MY 172917A	NL (EP 2,838,270)
MY 155173-A	MY 173195A	NL (EP 2,840,789)
MY-155175-A	MY 173199A	NL (EP 2,854,398)
MY-155333-A	MY 173533-A	NL (EP 2,858,366)
MY-155335-A	MY 173534-A	NL (EP 2,860,980)
MY 155891-A	MY 173539-A	NL (EP 2,863,639)
MY-156223-A	MY 174068A	NL (EP 2,866,442)
MY-157499-A	MY 174079A	NL (EP 2,869,563)
MY-157501-A	MY 174172A	NL (EP 2,882,188)
MY-157778-A	MY PI2012000238	NL (EP 2,884,749)
MY 160578-A	MY PI2012000404	NL (EP 2,887,670)
MY 160838-A	MY PI2013000136	NL (EP 2,890,123)
MY 163448-A	MY PI2013004676	NL (EP 2,897,364)
MY 163803-A	MY PI2016001179	NL (EP 2,897,365)
MY 163978-A	MY PI2016001180	NL (EP 2,899,978)
MY 163989-A	MY PI2016001181	NL (EP 2,899,979)
MY 164252-A	MY PI2016001182	NL (EP 2,899,980)
MY 164266-A	NL (EP 2,443,833)	NL (EP 2,899,981)

NL (EP 2,903,273)	NL (EP 3,282,696)	NO (EP 2,811,745)
NL (EP 2,903,274)	NL (EP 3,282,705)	NO (EP 2,838,267)
NL (EP 2,903,279)	NL (EP 3,282,707)	NO (EP 2,838,270)
NL (EP 2,905,962)	NL (EP 3,297,283)	NO (EP 2,840,789)
NL (EP 2,908,525)	NL (EP 3,297,284)	NO (EP 2,854,398)
NL (EP 2,911,398)	NL (EP 3,300,365)	NO (EP 2,858,366)
NL (EP 2,911,399)	NL (EP 3,300,371)	NO (EP 2,860,980)
NL (EP 2,911,400)	NL (EP 3,313,076)	NO (EP 2,863,639)
NL (EP 2,911,401)	NL (EP 3,322,183)	NO (EP 2,866,442)
NL (EP 2,924,995)	NL (EP 3,361,732)	NO (EP 2,869,563)
NL (EP 2,924,996)	NL (EP 3,361,733)	NO (EP 2,882,188)
NL (EP 2,928,192)	NL (EP 3,361,734)	NO (EP 2,884,749)
NL (EP 2,940,996)	NL (EP 3,361,735)	NO (EP 2,887,670)
NL (EP 2,940,997)	NL (EP 3,416,292)	NO (EP 2,890,123)
NL (EP 2,940,999)	NL (EP 3,435,675)	NO (EP 2,897,364)
NL (EP 2,950,532)	NL (EP 3,439,307)	NO (EP 2,897,365)
NL (EP 2,950,539)	NL (EP 3,448,025)	NO (EP 2,899,978)
NL (EP 2,950,540)	NL (EP 3,448,030)	NO (EP 2,899,979)
NL (EP 2,950,541)	NL (EP 3,448,039)	NO (EP 2,899,980)
NL (EP 2,950,542)	NL (EP 3,454,561)	NO (EP 2,899,981)
NL (EP 2,953,355)	NL (EP 3,461,130)	NO (EP 2,903,273)
NL (EP 2,953,356)	NL (EP 3,462,737)	NO (EP 2,903,274)
NL (EP 2,955,917)	NO (EP 2,443,833)	NO (EP 2,903,279)
NL (EP 2,955,918)	NO (EP 2,452,493)	NO (EP 2,905,962)
NL (EP 2,986,003)	NO (EP 2,452,494)	NO (EP 2,908,525)
NL (EP 2,986,004)	NO (EP 2,471,266)	NO (EP 2,911,398)
NL (EP 2,986,005)	NO (EP 2,489,186)	NO (EP 2,911,399)
NL (EP 2,986,006)	NO (EP 2,510,698)	NO (EP 2,911,400)
NL (EP 2,996,337)	NO (EP 2,545,710)	NO (EP 2,911,401)
NL (EP 2,996,340)	NO (EP 2545713)	NO (EP 2,924,995)
NL (EP 2,996,341)	NO (EP 2,580,912)	NO (EP 2,924,996)
NL (EP 2,996,342)	NO (EP 2,592,832)	NO (EP 2,928,192)
NL (EP 2,999,224)	NO (EP 2,594,075)	NO (EP 2,940,996)
NL (EP 2,999,226)	NO (EP 2,608,539)	NO (EP 2,940,997)
NL (EP 2,999,227)	NO (EP 2,629,526)	NO (EP 2,940,999)
NL (EP 3,032,829)	NO (EP 2,629,527)	NO (EP 2,950,532)
NL (EP 3,059,708)	NO (EP 2,629,528)	NO (EP 2,950,539)
NL (EP 3,101,900)	NO (EP 2,640,076)	NO (EP 2,950,540)
NL (EP 3,101,901)	NO (EP 2665267)	NO (EP 2,950,541)
NL (EP 3,104,616)	NO (EP 2,665,268)	NO (EP 2,950,542)
NL (EP 3,104,617)	NO (EP 2,677,749)	NO (EP 2,953,355)
NL (EP 3,136,728)	NO (EP 2,712,198)	NO (EP 2,953,356)
NL (EP 3,136,729)	NO (EP 2712200)	NO (EP 2,955,917)
NL (EP 3,145,197)	NO (EP 2713617)	NO (EP 2,955,918)
NL (EP 3,166,317)	NO (EP 2,713,618)	NO (EP 2,986,003)
NL (EP 3,232,664)	NO (EP 2,728,866)	NO (EP 2,986,004)
NL (EP 3,249,611)	NO (EP 2,744,204)	NO (EP 2,986,005)
NL (EP 3,267,683)	NO (EP 2,773,109)	NO (EP 2,996,337)
NL (EP 3,280,145)	NO (EP 2804383)	NO (EP 2,996,340)

NO (EP 2,996,341)	PH 1-2015-500257	PH 1-2017-501637
NO (EP 2,996,342)	PH 1-2015-500302	PH 1-2017-501638
NO (EP 2,999,224)	PH 1-2015-500303	PH 1-2017-501639
NO (EP 2,999,226)	PH 1-2015-500304	PH 1-2017-501640
NO (EP 2,999,227)	PH 1-2015-500305	PL (EP 2,443,833)
NO (EP 3,059,708)	PH 1-2015-500669	PL (EP 2,452,493)
NO (EP 3,101,900)	PH 1-2015-500671	PL (EP 2,452,494)
NO (EP 3,101,901)	PH 1-2015-500672	PL (EP 2,471,266)
NO (EP 3,104,616)	PH 1-2015-500673	PL (EP 2,489,186)
NO (EP 3,104,617)	PH 1-2015-500840	PL (EP 2,510,698)
NO (EP 3,136,728)	PH 1-2015-500842	PL (EP 2,545,710)
NO (EP 3,136,729)	PH 1-2015-500845	PL (EP 2545713)
NO (EP 3,145,197)	PH 1-2015-500846	PL (EP 2,580,912)
NO (EP 3,166,317)	PH 1-2015-500942	PL (EP 2,592,832)
NO (EP 3,232,664)	PH 1-2015-500943	PL (EP 2,594,075)
NO (EP 3,267,683)	PH 1-2015-500944	PL (EP 2,608,539)
NO (EP 3,280,145)	PH 1-2015-500994	PL (EP 2,629,526)
NO (EP 3,282,696)	PH 1-2015-500995	PL (EP 2,629,527)
NO (EP 3,282,705)	PH 1-2015-500996	PL (EP 2,629,528)
NO (EP 3,282,707)	PH 1-2015-500997	PL (EP 2,640,076)
NO (EP 3,300,371)	PH 1-2015-501077	PL (EP 2665267)
NZ 606080	PH 1-2015-501078	PL (EP 2,665,268)
NZ 705185	PH 1-2015-501079	PL (EP 2,677,749)
NZ 705187	PH 1-2015-501080	PL (EP 2,677,752)
NZ 705190	PH 1-2016-500445	PL (EP 2,677,753)
NZ 705192	PH 1-2016-500447	PL (EP 2,712,198)
PH 1-2012-501423	PH 1-2016-500449	PL (EP 2712200)
PH 1-2012-501442	PH 1-2016-500451	PL (EP 2713617)
PH 1-2012-501444	PH 1-2016-500452	PL (EP 2,713,618)
PH 1-2012-501455	PH 1-2016-501350	PL (EP 2,728,866)
PH 1-2013-500058	PH 1-2016-501351	PL (EP 2,744,204)
PH 1-2013-500059	PH 1-2016-501426	PL (EP 2,773,109)
PH 1-2013-500062	PH 1-2016-501427	PL (EP 2804383)
PH 1-2013-500073	PH 1-2016-501428	PL (EP 2,811,745)
PH 1-2013-500312	PH 1-2016-501429	PL (EP 2,830,313)
PH 1-2013-501325	PH 1-2016-501592	PL (EP 2,838,267)
PH 1-2014-500009	PH 1-2016-501593	PL (EP 2,838,270)
PH 1-2014-500012	PH 1-2016-501594	PL (EP 2,840,789)
PH 1-2014-500013	PH 1-2016-502374	PL (EP 2,854,398)
PH 1-2014-500015	PH 1-2016-502375	PL (EP 2,858,366)
PH 1-2014-500018	PH 1-2016-502376	PL (EP 2,860,980)
PH 1-2014-500945	PH 1-2016-502377	PL (EP 2,863,639)
PH 1-2014-501262	PH 1-2016-502410	PL (EP 2,866,442)
PH 1-2014-502262	PH 1-2016-502412	PL (EP 2,869,563)
PH 1-2014-502315	PH 1-2016-502413	PL (EP 2,882,188)
PH 1-2014-502761	PH 1-2017-500038	PL (EP 2,884,749)
PH 1-2015-500121	PH 1-2017-500039	PL (EP 2,887,670)
PH 1-2015-500255	PH 1-2017-501634	PL (EP 2,890,123)
PH 1-2015-500256	PH 1-2017-501635	PL (EP 2,897,364)

PL (EP 2,897,365)	PL (EP 3,166,317)	PT (EP 2,713,618)
PL (EP 2,899,978)	PL (EP 3,232,664)	PT (EP 2,728,866)
PL (EP 2,899,979)	PL (EP 3,249,611)	PT (EP 2,744,204)
PL (EP 2,899,980)	PL (EP 3,267,683)	PT (EP 2,773,109)
PL (EP 2,899,981)	PL (EP 3,280,145)	PT (EP 2804383)
PL (EP 2,903,273)	PL (EP 3,282,696)	PT (EP 2,811,745)
PL (EP 2,903,274)	PL (EP 3,282,705)	PT (EP 2,838,267)
PL (EP 2,903,279)	PL (EP 3,282,707)	PT (EP 2,838,270)
PL (EP 2,905,962)	PL (EP 3,297,283)	PT (EP 2,840,789)
PL (EP 2,908,525)	PL (EP 3,297,284)	PT (EP 2,854,398)
PL (EP 2,911,398)	PL (EP 3,300,365)	PT (EP 2,858,366)
PL (EP 2,911,399)	PL (EP 3,300,371)	PT (EP 2,860,980)
PL (EP 2,911,400)	PL (EP 3,313,076)	PT (EP 2,863,639)
PL (EP 2,911,401)	PL (EP 3,322,183)	PT (EP 2,866,442)
PL (EP 2,924,995)	PL (EP 3,361,732)	PT (EP 2,869,563)
PL (EP 2,924,996)	PL (EP 3,361,733)	PT (EP 2,884,749)
PL (EP 2,928,192)	PL (EP 3,361,734)	PT (EP 2,887,670)
PL (EP 2,940,996)	PL (EP 3,361,735)	PT (EP 2,890,123)
PL (EP 2,940,997)	PL (EP 3,416,292)	PT (EP 2,897,364)
PL (EP 2,940,999)	PL (EP 3,435,675)	PT (EP 2,897,365)
PL (EP 2,950,532)	PL (EP 3,439,307)	PT (EP 2,899,978)
PL (EP 2,950,539)	PL (EP 3,448,025)	PT (EP 2,899,979)
PL (EP 2,950,540)	PL (EP 3,448,030)	PT (EP 2,899,980)
PL (EP 2,950,541)	PL (EP 3,448,039)	PT (EP 2,899,981)
PL (EP 2,950,542)	PL (EP 3,454,561)	PT (EP 2,903,273)
PL (EP 2,953,355)	PL (EP 3,461,130)	PT (EP 2,903,274)
PL (EP 2,953,356)	PL (EP 3,462,737)	PT (EP 2,903,279)
PL (EP 2,955,917)	PT (EP 2,443,833)	PT (EP 2,905,962)
PL (EP 2,955,918)	PT (EP 2,452,493)	PT (EP 2,908,525)
PL (EP 2,986,003)	PT (EP 2,452,494)	PT (EP 2,911,398)
PL (EP 2,986,004)	PT (EP 2,471,266)	PT (EP 2,911,399)
PL (EP 2,986,005)	PT (EP 2,489,186)	PT (EP 2,911,400)
PL (EP 2,986,006)	PT (EP 2,510,698)	PT (EP 2,911,401)
PL (EP 2,996,337)	PT (EP 2,545,710)	PT (EP 2,924,995)
PL (EP 2,996,340)	PT (EP 2545713)	PT (EP 2,924,996)
PL (EP 2,996,341)	PT (EP 2,580,912)	PT (EP 2,928,192)
PL (EP 2,996,342)	PT (EP 2,592,832)	PT (EP 2,940,996)
PL (EP 2,999,224)	PT (EP 2,594,075)	PT (EP 2,940,997)
PL (EP 2,999,226)	PT (EP 2,608,539)	PT (EP 2,940,999)
PL (EP 2,999,227)	PT (EP 2,629,526)	PT (EP 2,950,532)
PL (EP 3,032,829)	PT (EP 2,629,527)	PT (EP 2,950,539)
PL (EP 3,059,708)	PT (EP 2,629,528)	PT (EP 2,950,540)
PL (EP 3,101,900)	PT (EP 2,640,076)	PT (EP 2,950,541)
PL (EP 3,101,901)	PT (EP 2665267)	PT (EP 2,950,542)
PL (EP 3,104,616)	PT (EP 2,665,268)	PT (EP 2,953,355)
PL (EP 3,104,617)	PT (EP 2,677,749)	PT (EP 2,953,356)
PL (EP 3,136,728)	PT (EP 2,712,198)	PT (EP 2,955,917)
PL (EP 3,136,729)	PT (EP 2712200)	PT (EP 2,955,918)
PL (EP 3,145,197)	PT (EP 2713617)	PT (EP 2,986,003)

PT (EP 2,986,004)	RO (EP 2,728,866)	RO (EP 2,986,004)
PT (EP 2,986,005)	RO (EP 2,744,204)	RO (EP 2,986,005)
PT (EP 2,996,337)	RO (EP 2,773,109)	RO (EP 2,996,337)
PT (EP 2,996,340)	RO (EP 2804383)	RO (EP 2,996,340)
PT (EP 2,996,341)	RO (EP 2,811,745)	RO (EP 2,996,341)
PT (EP 2,996,342)	RO (EP 2,830,313)	RO (EP 2,996,342)
PT (EP 2,999,224)	RO (EP 2,838,267)	RO (EP 2,999,224)
PT (EP 2,999,226)	RO (EP 2,838,270)	RO (EP 2,999,226)
PT (EP 2,999,227)	RO (EP 2,840,789)	RO (EP 2,999,227)
PT (EP 3,059,708)	RO (EP 2,854,398)	RO (EP 3,059,708)
PT (EP 3,101,900)	RO (EP 2,858,366)	RO (EP 3,101,900)
PT (EP 3,101,901)	RO (EP 2,860,980)	RO (EP 3,101,901)
PT (EP 3,104,616)	RO (EP 2,863,639)	RO (EP 3,104,616)
PT (EP 3,104,617)	RO (EP 2,866,442)	RO (EP 3,104,617)
PT (EP 3,136,728)	RO (EP 2,869,563)	RO (EP 3,136,728)
PT (EP 3,136,729)	RO (EP 2,884,749)	RO (EP 3,136,729)
PT (EP 3,145,197)	RO (EP 2,887,670)	RO (EP 3,145,197)
PT (EP 3,166,317)	RO (EP 2,890,123)	RO (EP 3,166,317)
PT (EP 3,232,664)	RO (EP 2,897,364)	RO (EP 3,232,664)
PT (EP 3,267,683)	RO (EP 2,897,365)	RO (EP 3,267,683)
PT (EP 3,280,145)	RO (EP 2,899,978)	RO (EP 3,280,145)
PT (EP 3,282,696)	RO (EP 2,899,979)	RO (EP 3,282,696)
PT (EP 3,282,705)	RO (EP 2,899,980)	RO (EP 3,282,705)
PT (EP 3,282,707)	RO (EP 2,899,981)	RO (EP 3,282,707)
PT (EP 3,300,371)	RO (EP 2,903,273)	RO (EP 3,300,365)
RO (EP 2,443,833)	RO (EP 2,903,274)	RO (EP 3,300,371)
RO (EP 2,452,493)	RO (EP 2,903,279)	RO (EP 3,313,076)
RO (EP 2,452,494)	RO (EP 2,905,962)	RO (EP 3,322,183)
RO (EP 2,471,266)	RO (EP 2,908,525)	RO (EP 3,361,732)
RO (EP 2,489,186)	RO (EP 2,911,398)	RO (EP 3,361,735)
RO (EP 2,510,698)	RO (EP 2,911,399)	RO (EP 3,416,292)
RO (EP 2,545,710)	RO (EP 2,911,400)	RO (EP 3,439,307)
RO (EP 2545713)	RO (EP 2,911,401)	RO (EP 3,448,039)
RO (EP 2,580,912)	RO (EP 2,924,995)	RO (EP 3,454,561)
RO (EP 2,592,832)	RO (EP 2,924,996)	RO (EP 3,461,130)
RO (EP 2,594,075)	RO (EP 2,928,192)	RS (EP 2,471,266)
RO (EP 2,608,539)	RO (EP 2,940,996)	RS (EP 2,489,186)
RO (EP 2,629,526)	RO (EP 2,940,997)	RS (EP 2,510,698)
RO (EP 2,629,527)	RO (EP 2,940,999)	RS (EP 2,545,710)
RO (EP 2,629,528)	RO (EP 2,950,532)	RS (EP 2545713)
RO (EP 2,640,076)	RO (EP 2,950,539)	RS (EP 2,580,912)
RO (EP 2665267)	RO (EP 2,950,540)	RS (EP 2,592,832)
RO (EP 2,665,268)	RO (EP 2,950,541)	RS (EP 2,594,075)
RO (EP 2,677,749)	RO (EP 2,950,542)	RS (EP 2,608,539)
RO (EP 2,677,753)	RO (EP 2,953,355)	RS (EP 2,629,527)
RO (EP 2,712,198)	RO (EP 2,953,356)	RS (EP 2,629,528)
RO (EP 2712200)	RO (EP 2,955,917)	RS (EP 2,728,866)
RO (EP 2713617)	RO (EP 2,955,918)	RS (EP 2,744,204)
RO (EP 2,713,618)	RO (EP 2,986,003)	RS (EP 2,773,109)

RS (EP 2,811,745)	RS (EP 3,166,317)	RU 2566957
RS (EP 2,838,267)	RS (EP 3,232,664)	RU 2566973
RS (EP 2,838,270)	RS (EP 3,280,145)	RU 2569807
RS (EP 2,840,789)	RS (EP 3,282,705)	RU 2569808
RS (EP 2,854,398)	RS (EP 3,282,707)	RU 2573193
RS (EP 2,858,366)	RS (EP 3,300,371)	RU 2575868
RS (EP 2,860,980)	RU 2490815	RU 2575982
RS (EP 2,869,563)	RU 2493669	RU 2575983
RS (EP 2,884,749)	RU 2509435	RU 2575990
RS (EP 2,887,670)	RU 2509436	RU 2577182
RS (EP 2,897,364)	RU 2510945	RU 2579441
RS (EP 2,897,365)	RU 2513707	RU 2579989
RS (EP 2,899,978)	RU 2513708	RU 2580057
RS (EP 2,899,979)	RU 2514777	RU 2580472
RS (EP 2,899,980)	RU 2514927	RU 2581553
RS (EP 2,899,981)	RU 2514929	RU 2582572
RS (EP 2,903,273)	RU 2515226	RU 2586001
RS (EP 2,903,274)	RU 2516444	RU 2586035
RS (EP 2,903,279)	RU 2517193	RU 2586321
RS (EP 2,905,962)	RU 2517253	RU 2589382
RS (EP 2,908,525)	RU 2517293	RU 2594291
RS (EP 2,924,995)	RU 2517404	RU 2595262
RS (EP 2,924,996)	RU 2518635	RU 2,595,576
RS (EP 2,940,996)	RU 2,518,718	RU 2595578
RS (EP 2,940,997)	RU 2519280	RU 2,595,596
RS (EP 2,940,999)	RU 2,523,126	RU 2,595,602
RS (EP 2,950,532)	RU 2526861	RU 2,595,607
RS (EP 2,953,355)	RU 2528132	RU 2,595,609
RS (EP 2,953,356)	RU 2530252	RU 2,595,610
RS (EP 2,955,917)	RU 2530341	RU 2,595,756
RS (EP 2,955,918)	RU 2540842	RU 2,595,946
RS (EP 2,986,003)	RU 2542884	RU 2,595,947
RS (EP 2,986,004)	RU 2543519	RU 2,595,949
RS (EP 2,986,005)	RU 2546619	RU 2,595,950
RS (EP 2,996,337)	RU 2547707	RU 2,597,484
RS (EP 2,996,340)	RU 2551794	RU 2597494
RS (EP 2,996,341)	RU 2554555	RU 2,597,521
RS (EP 2,996,342)	RU 2555236	RU 2,600,534
RS (EP 2,999,224)	RU 2559737	RU 2601180
RS (EP 2,999,226)	RU 2559738	RU 2,602,383
RS (EP 2,999,227)	RU 2559740	RU 2,602,784
RS (EP 3,059,708)	RU 2559743	RU 2,603,539
RS (EP 3,101,900)	RU 2559751	RU 2,603,541
RS (EP 3,101,901)	RU 2559753	RU 2,603,543
RS (EP 3,104,616)	RU 2559757	RU 2,604,997
RS (EP 3,104,617)	RU 2559758	RU 2,605,362
RS (EP 3,136,728)	RU 2564631	RU 2,605,915
RS (EP 3,136,729)	RU 2566955	RU 2,607,233
RS (EP 3,145,197)	RU 2566956	RU 2,607,247

RU 2,607,249	SE (EP 2,489,186)	SE (EP 2,911,399)
RU 2,607,250	SE (EP 2,510,698)	SE (EP 2,911,400)
RU 2,607,254	SE (EP 2,545,710)	SE (EP 2,911,401)
RU 2,607,255	SE (EP 2545713)	SE (EP 2,924,995)
RU 2,607,256	SE (EP 2,580,912)	SE (EP 2,924,996)
RU 2,607,257	SE (EP 2,592,832)	SE (EP 2,928,192)
RU 2,608,263	SE (EP 2,594,075)	SE (EP 2,940,996)
RU 2,608,264	SE (EP 2,608,539)	SE (EP 2,940,997)
RU 2,608,353	SE (EP 2,629,526)	SE (EP 2,940,999)
RU 2,608,465	SE (EP 2,629,527)	SE (EP 2,950,532)
RU 2,608,877	SE (EP 2,629,528)	SE (EP 2,950,539)
RU 2,609,077	SE (EP 2,640,076)	SE (EP 2,950,540)
RU 2,609,749	SE (EP 2665267)	SE (EP 2,950,541)
RU 2,609,750	SE (EP 2,665,268)	SE (EP 2,950,542)
RU 2,612,611	SE (EP 2,677,749)	SE (EP 2,953,355)
RU 2,612,612	SE (EP 2,712,198)	SE (EP 2,953,356)
RU 2,612,613	SE (EP 2712200)	SE (EP 2,955,917)
RU 2,612,614	SE (EP 2713617)	SE (EP 2,955,918)
RU 2,612,624	SE (EP 2,713,618)	SE (EP 2,986,003)
RU 2,614,544	SE (EP 2,728,866)	SE (EP 2,986,004)
RU 2,618,511	SE (EP 2,744,204)	SE (EP 2,986,005)
RU 2619706	SE (EP 2,773,109)	SE (EP 2,986,006)
RU 2,620,718	SE (EP 2804383)	SE (EP 2,996,337)
RU 2,621,008	SE (EP 2,811,745)	SE (EP 2,996,340)
RU 2,624,578	SE (EP 2,838,267)	SE (EP 2,996,341)
RU 2,627,033	SE (EP 2,838,270)	SE (EP 2,996,342)
RU 2,627,036	SE (EP 2,840,789)	SE (EP 2,999,224)
RU 2,627,294	SE (EP 2,854,398)	SE (EP 2,999,226)
RU 2,628,123	SE (EP 2,858,366)	SE (EP 2,999,227)
RU 2,632,139	SE (EP 2,860,980)	SE (EP 3,059,708)
RU 2,632,409	SE (EP 2,863,639)	SE (EP 3,101,900)
RU 2,635,877	SE (EP 2,866,442)	SE (EP 3,101,901)
RU 2,635,893	SE (EP 2,869,563)	SE (EP 3,104,616)
RU 2,636,100	SE (EP 2,882,188)	SE (EP 3,104,617)
RU 2,636,672	SE (EP 2,884,749)	SE (EP 3,136,728)
RU 2,637,881	SE (EP 2,887,670)	SE (EP 3,136,729)
RU 2,638,742	SE (EP 2,890,123)	SE (EP 3,145,197)
RU 2,639,691	SE (EP 2,897,364)	SE (EP 3,166,317)
RU 2,639,946	SE (EP 2,897,365)	SE (EP 3,232,664)
RU 2,640,719	SE (EP 2,899,978)	SE (EP 3,267,683)
RU 2,642,387	SE (EP 2,899,979)	SE (EP 3,280,145)
RU 2,643,497	SE (EP 2,899,980)	SE (EP 3,282,696)
RU 2,652,505	SE (EP 2,899,981)	SE (EP 3,282,705)
RU 2,660,640	SE (EP 2,903,273)	SE (EP 3,282,707)
RU 2,701,844	SE (EP 2,903,274)	SE (EP 3,300,371)
SE (EP 2,443,833)	SE (EP 2,903,279)	SE (EP 3,313,076)
SE (EP 2,452,493)	SE (EP 2,905,962)	SE (EP 3,435,675)
SE (EP 2,452,494)	SE (EP 2,908,525)	SG 182491
SE (EP 2,471,266)	SE (EP 2,911,398)	SG 186970

SG 186978	SI (EP 2,608,539)	SI (EP 2,940,997)
SG 186996	SI (EP 2,629,526)	SI (EP 2,940,999)
SG 187055	SI (EP 2,629,527)	SI (EP 2,950,532)
SG 187860	SI (EP 2,629,528)	SI (EP 2,950,539)
SG 192511	SI (EP 2,640,076)	SI (EP 2,950,540)
SG 192512	SI (EP 2665267)	SI (EP 2,950,541)
SG 195591	SI (EP 2,665,268)	SI (EP 2,950,542)
SG 195593	SI (EP 2,677,749)	SI (EP 2,953,355)
SG 195964	SI (EP 2,712,198)	SI (EP 2,953,356)
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HU (EP 3,119,091)	KR 1,543,310	KR 1,763,111
HU (EP 3,128,755)	KR 1,543,313	KR 1,768,865
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IT (EP 2,571,269)	KR 1,543,319	KR 1,791,242
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KR 1,314,632	KR 1,567,986	KR 1,939,699
KR 1,316,710	KR 1,567,990	KR 1,943,049
KR 1,334,587	KR 1,575,605	KR 1,943,058
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KR 1,361,005	KR 1,575,634	KR 1,960,761
KR 1,364,195	KR 1,575,635	KR 1,997,599
KR 1,369,174	KR 1,575,636	KR 1,997,604
KR 1,377,527	KR 1,575,638	NL (EP 2,485,490)
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KR 1,458,471	KR 1,582,504	NL (EP 3,119,091)
KR 1,459,714	KR 1,590,493	NL (EP 3,128,755)
KR 1,464,944	KR 1,590,511	PL (EP 2,485,490)
KR 1,464,949	KR 1,608,885	PL (EP 2,571,269)
KR 1,479,129	KR 1,608,888	PL (EP 2,597,875)
KR 1,479,141	KR 1,608,895	PL (EP 2,991,353)
KR 1,479,525	KR 1,635,830	PL (EP 2,993,904)
KR 1,483,174	KR 1,648,058	PL (EP 3,119,091)
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KR 1483688	KR 1,648,070	RO (EP 2,485,490)
KR 1487436	KR 1,648,077	RO (EP 2,571,269)
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KR 1,524,664	KR 1,663,764	RO (EP 2,991,353)
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KR 1,533,434	KR 1,676,381	RO (EP 3,128,755)
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US 8,885,711	US 9,473,773	US 9,955,167
US 8,971,656	US 9,473,790	US 9,955,182
US 8,976,862	US 9,479,791	US 9,967,587
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US 9,137,545	US 9,521,406	US 10,034,024
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October 1, 2025

**Addendum of Patents of Terminated
HEVC Licensors**

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Addendum of HEVC Licensors' Patents Removed from HEVC Attachment 1

Each patent listed below was previously listed on the Attachment 1 and has now been deleted effective as of the date listed next to the removed patent. Those Licensees with an HEVC Patent Portfolio License in effect *on or prior to* the date of removal indicated next to each patent retain their license under the respective removed patent after the indicated removal date.

Fujitsu Limited

AU 2015213343 (removed as of January 11, 2019)



October 1, 2025

VVC Licensors Attachment 1

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Koninklijke KPN N.V.

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TCL King Electrical Appliances
(Huizhou) Co. Ltd

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