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EE (EP 3,829,172)	ES (EP 3,917,147)	FR (EP 3,579,554)

FR (EP 3,579,555)	GB (EP 3,843,392)	HK 1,215,638
FR (EP 3,579,556)	GB (EP 3,843,393)	HK 1,215,639
FR (EP 3,829,172)	GB (EP 3,917,147)	HK 1,215,640
FR (EP 3,829,174)	GR (EP 2,752,004)	HK 1,215,641
FR (EP 3,829,175)	GR (EP 2,752,005)	HR (EP 2,752,004)
FR (EP 3,829,176)	GR (EP 2,752,006)	HR (EP 2,752,005)
FR (EP 3,843,392)	GR (EP 2,773,117)	HR (EP 2,752,006)
FR (EP 3,843,393)	GR (EP 2,773,118)	HR (EP 2,773,117)
FR (EP 3,917,147)	GR (EP 2,774,120)	HR (EP 2,773,118)
GB (EP 2,752,004)	GR (EP 2,774,122)	HR (EP 2,774,120)
GB (EP 2,752,005)	GR (EP 2,774,374)	HR (EP 2,774,122)
GB (EP 2,752,006)	GR (EP 2,786,577)	HR (EP 2,774,374)
GB (EP 2,773,117)	GR (EP 2,942,954)	HR (EP 2,786,577)
GB (EP 2,773,118)	GR (EP 2,950,535)	HR (EP 2,942,954)
GB (EP 2,774,120)	GR (EP 3,276,963)	HR (EP 2,950,535)
GB (EP 2,774,122)	GR (EP 3,324,627)	HR (EP 3,331,244 C0)
GB (EP 2,774,374)	GR (EP 3,331,244 C0)	HR (EP 3,361,728 C0)
GB (EP 2,786,577)	GR (EP 3,361,728 C0)	HR (EP 3,364,372 C0)
GB (EP 2,916,545)	GR (EP 3,364,372 C0)	HR (EP 3,364,373 C0)
GB (EP 2,941,004)	GR (EP 3,364,373 C0)	HR (EP 3,379,492 C0)
GB (EP 2,942,954)	GR (EP 3,379,492 C0)	HU (EP 2,752,004)
GB (EP 2,942,956)	GR (EP 3,402,200)	HU (EP 2,752,005)
GB (EP 2,945,376)	GR (EP 3,402,201)	HU (EP 2,752,006)
GB (EP 2,945,380)	GR (EP 3,402,202)	HU (EP 2,773,117)
GB (EP 2,945,381)	GR (EP 3,432,579)	HU (EP 2,773,118)
GB (EP 2,950,535)	GR (EP 3,432,580)	HU (EP 2,774,120)
GB (EP 3,276,963)	GR (EP 3,448,034)	HU (EP 2,774,122)
GB (EP 3,324,627)	GR (EP 3,829,172)	HU (EP 2,774,374)
GB (EP 3,331,244 C0)	GR (EP 3,829,174)	HU (EP 2,786,577)
GB (EP 3,343,915)	GR (EP 3,829,175)	HU (EP 2,916,545)
GB (EP 3,346,447)	GR (EP 3,829,176)	HU (EP 2,941,004)
GB (EP 3,361,728 C0)	GR (EP 3,843,392)	HU (EP 2,942,954)
GB (EP 3,364,372 C0)	GR (EP 3,843,393)	HU (EP 2,942,956)
GB (EP 3,364,373 C0)	GR (EP 3,917,147)	HU (EP 2,945,376)
GB (EP 3,379,492 C0)	HK 1,214,054	HU (EP 2,945,380)
GB (EP 3,402,191)	HK 1,214,055	HU (EP 2,945,381)
GB (EP 3,402,199)	HK 1,214,056	HU (EP 2,950,535)
GB (EP 3,402,200)	HK 1,214,057	HU (EP 3,276,963)
GB (EP 3,402,201)	HK 1,214,441	HU (EP 3,324,627)
GB (EP 3,402,202)	HK 1,214,445	HU (EP 3,331,244 C0)
GB (EP 3,432,579)	HK 1,214,700	HU (EP 3,343,915)
GB (EP 3,432,580)	HK 1,214,702	HU (EP 3,346,447)
GB (EP 3,448,033)	HK 1,214,704	HU (EP 3,361,728 C0)
GB (EP 3,448,034)	HK 1,214,705	HU (EP 3,364,372 C0)
GB (EP 3,579,554)	HK 1,214,899	HU (EP 3,364,373 C0)
GB (EP 3,579,555)	HK 1,214,900	HU (EP 3,379,492 C0)
GB (EP 3,579,556)	HK 1,214,901	HU (EP 3,402,191)
GB (EP 3,829,172)	HK 1,215,634	HU (EP 3,402,199)
GB (EP 3,829,174)	HK 1,215,635	HU (EP 3,402,200)
GB (EP 3,829,175)	HK 1,215,636	HU (EP 3,402,201)
GB (EP 3,829,176)	HK 1,215,637	HU (EP 3,402,202)

HU (EP 3,432,579)	IE (EP 3,432,579)	IN 475540
HU (EP 3,432,580)	IE (EP 3,917,147)	IN 479869
HU (EP 3,448,033)	IL 231705	IN 479873
HU (EP 3,448,034)	IL 231706	IN 479888
HU (EP 3,579,554)	IL 231707	IN 505544
HU (EP 3,579,555)	IL 231,708	IN 505562
HU (EP 3,579,556)	IL 239725	IN 506985
HU (EP 3,829,172)	IL 239,726	IN 513800
HU (EP 3,829,174)	IL 239,727	IN 513803
HU (EP 3,829,175)	IL 239,728	IN 513830
HU (EP 3,829,176)	IL 247673	IN 516808
HU (EP 3,843,392)	IL 247,674	IN 517749
HU (EP 3,843,393)	IL 247675	IN 519259
HU (EP 3,917,147)	IL 247,676	IN 523542
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ID P000047390	IL 250,029	IN 523760
ID P000048231	IL 250,030	IN 524183
ID P000048707	IL 250,031	IN 524187
ID P000060942	IL 252379	IN 524190
ID P000061900	IL 259,929	IN 524191
ID P000063927	IL 265035	IN 524777
ID P000063928	IL 276270	IN 532235
ID P000063948	IN 311428	IN 532236
ID P000066406	IN 342,493	IN 532237
ID P000066566	IN 353377	IN 532238
ID P000069125	IN 360004	IN 532239
ID P000071599	IN 366166	IN 533415
ID P000071600	IN 366888	IN 533542
ID P000075435	IN 368779	IN 533919
ID P000075436	IN 372062	IN 533937
ID P000075881	IN 376764	IN 533938
ID P000077878	IN 378567	IN 533940
ID P000077883	IN 394296	IN 533941
ID P000077889	IN 398813	IN 534200
ID P000078301	IN 408802	IN 534913
ID P000080594	IN 411919	IN 535905
IE (EP 2,752,004)	IN 416497	IN 538272
IE (EP 2,752,005)	IN 419043	IN 542769
IE (EP 2,752,006)	IN 422987	IN 544041
IE (EP 2,773,117)	IN 430269	IN 544046
IE (EP 2,773,118)	IN 430557	IN 546390
IE (EP 2,774,120)	IN 430783	IN 546732
IE (EP 2,774,122)	IN 436945	IN 550195
IE (EP 2,774,374)	IN 437024	IN 550196
IE (EP 2,786,577)	IN 447585	IN 550197
IE (EP 2,950,535)	IN 472149	IN 550198
IE (EP 3,331,244 C0)	IN 472174	IN 550325
IE (EP 3,361,728 C0)	IN 472190	IN 550345
IE (EP 3,364,372 C0)	IN 472198	IN 553568
IE (EP 3,364,373 C0)	IN 472377	IN 553572
IE (EP 3,379,492 C0)	IN 474722	IN 553576

IN 553578	IT (EP 3,343,915)	JP 5,990,299
IN 553584	IT (EP 3,346,447)	JP 5,990,300
IN 553589	IT (EP 3,361,728 C0)	JP 6,005,790
IN 553593	IT (EP 3,364,372 C0)	JP 6,005,791
IN 553599	IT (EP 3,364,373 C0)	JP 6,005,792
IN 554307	IT (EP 3,379,492 C0)	JP 6,006,394
IN 554528	IT (EP 3,402,191)	JP 6,006,395
IN 554532	IT (EP 3,402,199)	JP 6,006,763
IN 554540	IT (EP 3,402,200)	JP 6,023,842
IN 554653	IT (EP 3,402,201)	JP 6,026,600
IN 555109	IT (EP 3,402,202)	JP 6,026,601
IN 555829	IT (EP 3,432,579)	JP 6,026,602
IN 558239	IT (EP 3,432,580)	JP 6,047,614
IN 558319	IT (EP 3,448,033)	JP 6,047,615
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IN 559831	IT (EP 3,579,554)	JP 6,073,442
IN 560483	IT (EP 3,579,555)	JP 6,073,444
IN 562651	IT (EP 3,579,556)	JP 6,073,445
IN 564557	IT (EP 3,829,172)	JP 6,074,475
IN 564559	IT (EP 3,829,174)	JP 6,074,476
IN 564561	IT (EP 3,829,175)	JP 6,074,477
IN 564562	IT (EP 3,829,176)	JP 6,076,438
IN 586257	IT (EP 3,843,392)	JP 6,081,553
IN 586274	IT (EP 3,843,393)	JP 6,093,815
IN 586276	IT (EP 3,917,147)	JP 6,101,316
IN 586282	JP 5,611,498	JP 6,101,752
IN 586539	JP 5,714,781	JP 6,101,753
IN 586540	JP 5,722,506	JP 6,101,754
IN 586542	JP 5,728,671	JP 6,101,755
IN 586543	JP 5,731,078	JP 6,101,774
IN 586552	JP 5,750,579	JP 6,114,362
IT (EP 2,752,004)	JP 5,789,057	JP 6,116,625
IT (EP 2,752,005)	JP 5,789,343	JP 6,116,626
IT (EP 2,752,006)	JP 5,792,396	JP 6,118,374
IT (EP 2,773,117)	JP 5,823,628	JP 6,138,883
IT (EP 2,773,118)	JP 5,827,412	JP 6,138,884
IT (EP 2,774,120)	JP 5,828,967	JP 6,138,885
IT (EP 2,774,122)	JP 5,830,175	JP 6,140,237
IT (EP 2,774,374)	JP 5,832,660	JP 6,157,676
IT (EP 2,786,577)	JP 5,841,264	JP 6,267,373
IT (EP 2,916,545)	JP 5,846,666	JP 6,275,897
IT (EP 2,941,004)	JP 5,846,674	JP 6,285,484
IT (EP 2,942,954)	JP 5,846,675	JP 6,285,485
IT (EP 2,942,956)	JP 5,846,676	JP 6,285,486
IT (EP 2,945,376)	JP 5,905,613	JP 6,285,487
IT (EP 2,945,380)	JP 5,914,680	JP 6,302,577
IT (EP 2,945,381)	JP 5,923,618	JP 6,335,984
IT (EP 2,950,535)	JP 5,989,838	JP 6,360,947
IT (EP 3,276,963)	JP 5,989,839	JP 6,367,413
IT (EP 3,324,627)	JP 5,989,840	JP 6,419,230
IT (EP 3,331,244 C0)	JP 5,989,841	JP 6,469,265

JP 6,505,763	LI (EP 3,402,201)	MO J/002674
JP 6,553,769	LI (EP 3,402,202)	MT (EP 3,331,244 C0)
JP 6,607,417	LI (EP 3,432,579)	MT (EP 3,361,728 C0)
JP 6,636,573	LI (EP 3,432,580)	MT (EP 3,364,372 C0)
JP 6,648,315	LI (EP 3,448,033)	MT (EP 3,364,373 C0)
JP 6,660,074	LI (EP 3,448,034)	MT (EP 3,379,492 C0)
JP 6,680,925	LI (EP 3,579,554)	MX 330,908
JP 6,685,208	LI (EP 3,579,555)	MX 332,102
JP 6,711,944	LI (EP 3,579,556)	MX 332,440
JP 6,906,070	LI (EP 3,829,172)	MX 333,762
JP 6,932,177	LI (EP 3,829,174)	MX 334,082
JP 6,974,516	LI (EP 3,829,175)	MX 334,414
JP 6,995,910	LI (EP 3,829,176)	MX 334,421
JP 7,192,044	LI (EP 3,843,392)	MX 334,422
JP 7,192,045	LI (EP 3,843,393)	MX 334,423
JP 7,210,664	LI (EP 3,917,147)	MX 334,866
JP 7,445,793	LT (EP 2,752,004)	MX 334,868
JP 7,500,786	LT (EP 2,752,005)	MX 335,479
JP 7,640,764	LT (EP 2,752,006)	MX 335,743
KH /P/2022/00020 SG	LT (EP 2,773,117)	MX 335,744
KR 1,452,195	LT (EP 2,773,118)	MX 335,745
KR 1,472,971	LT (EP 2,774,120)	MX 335,746
LI (EP 2,752,004)	LT (EP 2,774,122)	MX 335,900
LI (EP 2,752,005)	LT (EP 2,774,374)	MX 336,661
LI (EP 2,752,006)	LT (EP 2,786,577)	MX 336,814
LI (EP 2,773,117)	LT (EP 2,950,535)	MX 336,815
LI (EP 2,773,118)	LT (EP 3,331,244 C0)	MX 336,816
LI (EP 2,774,120)	LT (EP 3,361,728 C0)	MX 338,748
LI (EP 2,774,122)	LT (EP 3,364,372 C0)	MX 338,988
LI (EP 2,774,374)	LT (EP 3,364,373 C0)	MX 338,989
LI (EP 2,786,577)	LT (EP 3,379,492 C0)	MX 338,990
LI (EP 2,916,545)	LU (EP 3,331,244 C0)	MX 339,135
LI (EP 2,941,004)	LU (EP 3,361,728 C0)	MX 339,983
LI (EP 2,942,954)	LU (EP 3,364,372 C0)	MX 339,984
LI (EP 2,942,956)	LU (EP 3,364,373 C0)	MX 340,366
LI (EP 2,945,376)	LU (EP 3,379,492 C0)	MX 340,367
LI (EP 2,945,380)	LV (EP 2,752,004)	MX 340,368
LI (EP 2,945,381)	LV (EP 2,752,005)	MX 340,474
LI (EP 2,950,535)	LV (EP 2,752,006)	MX 340,475
LI (EP 3,276,963)	LV (EP 2,773,117)	MX 340,476
LI (EP 3,324,627)	LV (EP 2,773,118)	MX 340,477
LI (EP 3,331,244 C0)	LV (EP 2,774,120)	MX 340,478
LI (EP 3,343,915)	LV (EP 2,774,122)	MX 340,479
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LI (EP 3,364,373 C0)	LV (EP 3,331,244 C0)	MX 340,888
LI (EP 3,379,492 C0)	LV (EP 3,361,728 C0)	MX 340,889
LI (EP 3,402,191)	LV (EP 3,364,372 C0)	MX 340,890
LI (EP 3,402,199)	LV (EP 3,364,373 C0)	MX 345,037
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MX 347,162	NL (EP 2,945,376)	NO (EP 3,402,201)
MX 347,163	NL (EP 2,945,380)	NO (EP 3,402,202)
MX 350,187	NL (EP 2,945,381)	NO (EP 3,432,579)
MX 350,557	NL (EP 2,950,535)	NO (EP 3,432,580)
MX 350,560	NL (EP 3,276,963)	NO (EP 3,448,034)
MX 356,330	NL (EP 3,324,627)	NO (EP 3,829,172)
MX 356,738	NL (EP 3,331,244 C0)	NO (EP 3,829,174)
MX 356875	NL (EP 3,343,915)	NO (EP 3,829,175)
MX 363,194	NL (EP 3,346,447)	NO (EP 3,829,176)
MX 363,195	NL (EP 3,361,728 C0)	NO (EP 3,843,392)
MX 378476	NL (EP 3,364,372 C0)	NO (EP 3,843,393)
MX 384,187	NL (EP 3,364,373 C0)	NO (EP 3,917,147)
MX 403184	NL (EP 3,379,492 C0)	PH 1-2014-500959
MX 407,247	NL (EP 3,402,191)	PH 1-2014-500960
MY 166250	NL (EP 3,402,199)	PH 1-2014-500962
MY 167772	NL (EP 3,402,200)	PH 1-2015-500839
MY 169632	NL (EP 3,402,201)	PH 1-2015-500841
MY 170,819	NL (EP 3,402,202)	PH 1-2015-500843
MY 190514	NL (EP 3,432,579)	PH 1-2015-500844
MY 190515	NL (EP 3,432,580)	PH 1-2016-502082
MY 190516	NL (EP 3,448,033)	PH 1-2016-502083
MY 190529	NL (EP 3,448,034)	PH 1-2016-502084
MY 190530	NL (EP 3,579,554)	PH 1-2016-502085
MY 192962	NL (EP 3,579,555)	PH 1-2016-502086
MY 192963	NL (EP 3,579,556)	PH 1-2016-502087
MY 192964	NL (EP 3,829,172)	PH 1-2016-502088
MY 192965	NL (EP 3,829,174)	PH 1-2016-502089
MY 192966	NL (EP 3,829,175)	PH 1/2014/500961
MY 195620-A	NL (EP 3,829,176)	PL (EP 2,752,004)
MY 195621	NL (EP 3,843,392)	PL (EP 2,752,005)
MY 195624	NL (EP 3,843,393)	PL (EP 2,752,006)
MY 195625	NL (EP 3,917,147)	PL (EP 2,773,117)
MY 195661	NO (EP 2,752,004)	PL (EP 2,773,118)
MY 198986-A	NO (EP 2,752,005)	PL (EP 2,774,120)
MY 199142	NO (EP 2,752,006)	PL (EP 2,774,122)
MY 201095-A	NO (EP 2,773,117)	PL (EP 2,774,374)
MY 201790-A	NO (EP 2,773,118)	PL (EP 2,786,577)
MY 202599-A	NO (EP 2,774,120)	PL (EP 2,916,545)
NL (EP 2,752,004)	NO (EP 2,774,122)	PL (EP 2,941,004)
NL (EP 2,752,005)	NO (EP 2,774,374)	PL (EP 2,942,954)
NL (EP 2,752,006)	NO (EP 2,786,577)	PL (EP 2,942,956)
NL (EP 2,773,117)	NO (EP 2,942,954)	PL (EP 2,945,376)
NL (EP 2,773,118)	NO (EP 2,950,535)	PL (EP 2,945,380)
NL (EP 2,774,120)	NO (EP 3,276,963)	PL (EP 2,945,381)
NL (EP 2,774,122)	NO (EP 3,324,627)	PL (EP 2,950,535)
NL (EP 2,774,374)	NO (EP 3,331,244 C0)	PL (EP 3,276,963)
NL (EP 2,786,577)	NO (EP 3,361,728 C0)	PL (EP 3,324,627)
NL (EP 2,916,545)	NO (EP 3,364,372 C0)	PL (EP 3,331,244 C0)
NL (EP 2,941,004)	NO (EP 3,364,373 C0)	PL (EP 3,343,915)
NL (EP 2,942,954)	NO (EP 3,379,492 C0)	PL (EP 3,346,447)
NL (EP 2,942,956)	NO (EP 3,402,200)	PL (EP 3,361,728 C0)

PL (EP 3,364,372 C0)	PT (EP 3,843,393)	RU 2621966
PL (EP 3,364,373 C0)	PT (EP 3,917,147)	RU 2621967
PL (EP 3,379,492 C0)	RO (EP 2,752,004)	RU 2621970
PL (EP 3,402,191)	RO (EP 2,752,005)	RU 2621972
PL (EP 3,402,199)	RO (EP 2,752,006)	RU 2,686,007
PL (EP 3,402,200)	RO (EP 2,773,117)	RU 2,686,008
PL (EP 3,402,201)	RO (EP 2,773,118)	RU 2,686,010
PL (EP 3,402,202)	RO (EP 2,774,120)	RU 2,686,819
PL (EP 3,432,579)	RO (EP 2,774,122)	RU 2,710,995
PL (EP 3,432,580)	RO (EP 2,774,374)	RU 2,710,996
PL (EP 3,448,033)	RO (EP 2,786,577)	RU 2,711,176
PL (EP 3,448,034)	RO (EP 2,916,545)	RU 2,711,182
PL (EP 3,579,554)	RO (EP 2,941,004)	RU 2,711,306
PL (EP 3,579,555)	RO (EP 2,942,954)	RU 2,711,467
PL (EP 3,579,556)	RO (EP 2,942,956)	RU 2,760,932
PL (EP 3,829,172)	RO (EP 2,945,376)	RU 2,761,086
PL (EP 3,829,174)	RO (EP 2,945,380)	SE (EP 2,752,004)
PL (EP 3,829,175)	RO (EP 2,945,381)	SE (EP 2,752,005)
PL (EP 3,829,176)	RO (EP 2,950,535)	SE (EP 2,752,006)
PL (EP 3,843,392)	RO (EP 3,276,963)	SE (EP 2,773,117)
PL (EP 3,843,393)	RO (EP 3,324,627)	SE (EP 2,773,118)
PL (EP 3,917,147)	RO (EP 3,331,244 C0)	SE (EP 2,774,120)
PT (EP 2,752,004)	RO (EP 3,343,915)	SE (EP 2,774,122)
PT (EP 2,752,005)	RO (EP 3,346,447)	SE (EP 2,774,374)
PT (EP 2,752,006)	RO (EP 3,361,728 C0)	SE (EP 2,786,577)
PT (EP 2,773,117)	RO (EP 3,364,372 C0)	SE (EP 2,916,545)
PT (EP 2,773,118)	RO (EP 3,364,373 C0)	SE (EP 2,941,004)
PT (EP 2,774,120)	RO (EP 3,379,492 C0)	SE (EP 2,942,954)
PT (EP 2,774,122)	RO (EP 3,402,191)	SE (EP 2,942,956)
PT (EP 2,774,374)	RO (EP 3,402,199)	SE (EP 2,945,376)
PT (EP 2,786,577)	RO (EP 3,402,200)	SE (EP 2,945,380)
PT (EP 2,942,954)	RO (EP 3,402,201)	SE (EP 2,945,381)
PT (EP 2,950,535)	RO (EP 3,402,202)	SE (EP 2,950,535)
PT (EP 3,276,963)	RO (EP 3,432,579)	SE (EP 3,276,963)
PT (EP 3,324,627)	RO (EP 3,432,580)	SE (EP 3,324,627)
PT (EP 3,331,244 C0)	RO (EP 3,448,033)	SE (EP 3,331,244 C0)
PT (EP 3,361,728 C0)	RO (EP 3,448,034)	SE (EP 3,343,915)
PT (EP 3,364,372 C0)	RO (EP 3,579,554)	SE (EP 3,346,447)
PT (EP 3,364,373 C0)	RO (EP 3,579,555)	SE (EP 3,361,728 C0)
PT (EP 3,379,492 C0)	RO (EP 3,579,556)	SE (EP 3,364,372 C0)
PT (EP 3,402,200)	RO (EP 3,829,172)	SE (EP 3,364,373 C0)
PT (EP 3,402,201)	RO (EP 3,829,174)	SE (EP 3,379,492 C0)
PT (EP 3,402,202)	RO (EP 3,829,175)	SE (EP 3,402,191)
PT (EP 3,432,579)	RO (EP 3,829,176)	SE (EP 3,402,199)
PT (EP 3,432,580)	RO (EP 3,843,392)	SE (EP 3,402,200)
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Hanwha Vision Co., Ltd.

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M&K Holdings Inc.

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Mirage Inc.

KR 2,905,246

Nippon Hoso Kyokai

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 ZA 2011/09188

Siemens Corp.

BR PI0109962-0 - Exp. Jul 19, 2026
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 CN 103503451
 CN 107454402
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SK Planet Co., Ltd.

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Sky Media Tech. Inc.

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Tagivan II LLC

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RU 2,607,619	US 9,843,799	US 8,594,202

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US 9,077,964

US 9,113,172

US 9,179,160

US 9,380,313

US 9,743,099

US 10,027,970

US 10,034,009

US 10,560,706

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 CN 201210009742.1 - Exp. Jul 10, 2023
 CN 201210009744.0 - Exp. Jul 10, 2023
 CN 201210009977.0 - Exp. Jul 10, 2023
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 DE (EP 2326019) - Exp. Jul 11, 2023
 DE (EP 2328283) - Exp. Jul 11, 2023
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 HK 1,156,747 - Exp. Jul 10, 2023
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M&K Holdings Inc.

AL (EP 2,563,020) - Exp. Nov 1, 2023
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 JP 6,096,871 - Exp. Apr 28, 2024
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Alpha Digitech, Inc.

KR 1,226,498

ARRIS Enterprises LLC

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Canon Inc.

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BR 122020002131-4	CH (EP 4,228,259 C0)	CN 201710680518.8
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FR (EP 2,777,253)	GB (EP 2,664,147)	GB (EP 4,114,003)
FR (EP 2,777,255)	GB (EP 2,666,294)	GB (EP 4,228,259 C0)
FR (EP 2,777,264)	GB (EP 2,684,362)	GB (EP 4,228,260 C0)
FR (EP 2,777,275)	GB (EP 2,684,368)	GB (EP 4,228,261 C0)
FR (EP 2,805,485)	GB (EP 2,745,515)	GR (EP 3,518,540)
FR (EP 2,805,507)	GB (EP 2,777,253)	GR (EP 3,745,723)
FR (EP 3,070,944)	GB (EP 2,777,255)	GR (EP 3,806,464)
FR (EP 3,099,070)	GB (EP 2,777,264)	GR (EP 3,806,465)
FR (EP 3,174,297)	GB (EP 2,777,275)	GR (EP 3,806,466)
FR (EP 3,244,613)	GB (EP 2,805,485)	GR (EP 3,806,468)
FR (EP 3,247,117)	GB (EP 2,805,507)	GR (EP 3,806,469)
FR (EP 3,253,060)	GB (EP 3,070,944)	GR (EP 3,806,470)
FR (EP 3,288,264)	GB (EP 3,099,070)	GR (EP 3,972,248)

GR (EP 3,972,249)	HU (EP 3,668,095)	IN 506399
GR (EP 3,979,643)	HU (EP 3,737,094)	IN 506400
GR (EP 4,075,801)	HU (EP 3,737,095)	IN 506402
GR (EP 4,075,802)	HU (EP 3,737,096)	IN 512738
GR (EP 4,114,002)	HU (EP 3,742,731)	IN 513327
GR (EP 4,114,003)	HU (EP 3,745,723)	IN 513385
GR (EP 4,228,259 C0)	HU (EP 3,806,464)	IN 526203
GR (EP 4,228,260 C0)	HU (EP 3,806,465)	IN 528727
GR (EP 4,228,261 C0)	HU (EP 3,806,466)	IN 528740
HR (EP 3,518,540)	HU (EP 3,806,468)	IN 528747
HR (EP 3,745,723)	HU (EP 3,806,469)	IN 530192
HR (EP 3,806,464)	HU (EP 3,806,470)	IN 530193
HR (EP 3,806,465)	HU (EP 3,905,679)	IN 538926
HR (EP 3,806,466)	HU (EP 3,972,248)	IN 538927
HR (EP 3,806,468)	HU (EP 3,972,249)	IN 538930
HR (EP 3,806,469)	HU (EP 3,979,643)	IN 541081
HR (EP 3,806,470)	HU (EP 4,075,801)	IN 545792
HR (EP 3,972,248)	HU (EP 4,075,802)	IN 554549
HR (EP 3,972,249)	HU (EP 4,114,002)	IN 554550
HR (EP 3,979,643)	HU (EP 4,114,003)	IN 554551
HR (EP 4,075,801)	HU (EP 4,228,259 C0)	IN 554553
HR (EP 4,075,802)	HU (EP 4,228,260 C0)	IN 555738
HR (EP 4,114,002)	HU (EP 4,228,261 C0)	IN 555742
HR (EP 4,114,003)	IN 330,063	IN 559417
HU (EP 2,664,147)	IN 344,009	IN 561309
HU (EP 2,745,515)	IN 345,186	IN 561958
HU (EP 2,777,264)	IN 348,588	IN 561961
HU (EP 2,777,275)	IN 359982	IT (EP 2,664,142)
HU (EP 2,805,485)	IN 364313	IT (EP 2,664,147)
HU (EP 2,805,507)	IN 364833	IT (EP 2,666,294)
HU (EP 3,070,944)	IN 375,239	IT (EP 2,684,362)
HU (EP 3,099,070)	IN 376,321	IT (EP 2,684,368)
HU (EP 3,174,297)	IN 392026	IT (EP 2,745,515)
HU (EP 3,244,613)	IN 394125	IT (EP 2,777,253)
HU (EP 3,247,117)	IN 417132	IT (EP 2,777,255)
HU (EP 3,253,060)	IN 440397	IT (EP 2,777,264)
HU (EP 3,288,264)	IN 440401	IT (EP 2,777,275)
HU (EP 3,396,957)	IN 440402	IT (EP 2,805,485)
HU (EP 3,422,712)	IN 442185	IT (EP 2,805,507)
HU (EP 3,422,713)	IN 442357	IT (EP 3,070,944)
HU (EP 3,474,552)	IN 442368	IT (EP 3,099,070)
HU (EP 3,499,893)	IN 442372	IT (EP 3,174,297)
HU (EP 3,512,199)	IN 451217	IT (EP 3,244,613)
HU (EP 3,518,540)	IN 451250	IT (EP 3,247,117)
HU (EP 3,518,544)	IN 453011	IT (EP 3,253,060)
HU (EP 3,609,180)	IN 453013	IT (EP 3,288,264)
HU (EP 3,654,648)	IN 453016	IT (EP 3,396,957)
HU (EP 3,657,790)	IN 453027	IT (EP 3,422,712)
HU (EP 3,657,791)	IN 457877	IT (EP 3,422,713)
HU (EP 3,657,792)	IN 476824	IT (EP 3,474,552)
HU (EP 3,668,094)	IN 506397	IT (EP 3,499,893)

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IT (EP 3,518,540)	JP 6,338,621	KR 1,628,793
IT (EP 3,518,544)	JP 6,407,388	KR 1,672,607
IT (EP 3,609,180)	JP 6,410,853	KR 1,700,889
IT (EP 3,654,648)	JP 6,410,913	KR 1,754,547
IT (EP 3,657,790)	JP 6,415,637	KR 1,757,960
IT (EP 3,657,791)	JP 6,419,269	KR 1,759,461
IT (EP 3,657,792)	JP 6,425,777	KR 1,797,805
IT (EP 3,668,094)	JP 6,490,264	KR 1,798,280
IT (EP 3,668,095)	JP 6,490,272	KR 1,799,248
IT (EP 3,737,094)	JP 6,490,276	KR 1,803,020
IT (EP 3,737,095)	JP 6,494,675	KR 1,806,063
IT (EP 3,737,096)	JP 6,513,120	KR 1,825,110
IT (EP 3,742,731)	JP 6,513,261	KR 1,837,803
IT (EP 3,745,723)	JP 6,541,763	KR 1,875,250
IT (EP 3,806,464)	JP 6,591,015	KR 1,875,352
IT (EP 3,806,465)	JP 6,591,018	KR 1,882,157
IT (EP 3,806,466)	JP 6,591,019	KR 1,888,515
IT (EP 3,806,468)	JP 6,591,020	KR 1,903,101
IT (EP 3,806,469)	JP 6,594,503	KR 1,904,404
IT (EP 3,806,470)	JP 6,598,957	KR 1,909,410
IT (EP 3,905,679)	JP 6,608,504	KR 1,909,855
IT (EP 3,972,248)	JP 6,679,777	KR 1,914,897
IT (EP 3,972,249)	JP 6,679,778	KR 1,920,105
IT (EP 3,979,643)	JP 6,679,781	KR 1,920,529
IT (EP 4,075,801)	JP 6,679,782	KR 1,920,607
IT (EP 4,075,802)	JP 6,686,095	KR 1,922,367
IT (EP 4,114,002)	JP 6,686,206	KR 1,930,669
IT (EP 4,114,003)	JP 6,743,225	KR 1,962,396
IT (EP 4,228,259 C0)	JP 6,748,749	KR 1,969,359
IT (EP 4,228,260 C0)	JP 6,766,195	KR 1,969,362
IT (EP 4,228,261 C0)	JP 6,766,210	KR 1,972,366
JP 5,847,843	JP 6,766,211	KR 1,985,004
JP 5,847,844	JP 6,780,080	KR 1,991,074
JP 5,847,845	JP 6,797,989	KR 2,027,721
JP 5,875,236	JP 6,797,993	KR 2,029,614
JP 6,041,554	JP 6,801,037	KR 2,030,304
JP 6,067,024	JP 6,801,038	KR 2,030,952
JP 6,080,375	JP 6,821,730	KR 2,038,791
JP 6,109,170	JP 6,825,064	KR 2,041,744
JP 6,120,490	JP 6,891,325	KR 2,042,374
JP 6,129,178	JP 6,953,576	KR 2,043,579
JP 6,150,912	JP 6,980,884	KR 2,043,580
JP 6,165,172	JP 6,992,147	KR 2,043,581
JP 6,165,219	JP 7,077,385	KR 2,052,290
JP 6,184,416	JP 7,159,427	KR 2,052,291
JP 6,207,576	KR 1,409,145	KR 2,052,292
JP 6,207,790	KR 1,524,393	KR 2,068,431
JP 6,226,972	KR 1,524,394	KR 2,068,432
JP 6,272,441	KR 1,530,244	KR 2,068,921
JP 6,312,879	KR 1,530,832	KR 2,083,280

KR 2,085,498	LI (EP 4,228,259 C0)	NL (EP 3,737,096)
KR 2,086,310	LI (EP 4,228,260 C0)	NL (EP 3,742,731)
KR 2,090,437	LI (EP 4,228,261 C0)	NL (EP 3,745,723)
KR 2,090,438	LT (EP 4,228,259 C0)	NL (EP 3,806,464)
LI (EP 2,664,147)	LT (EP 4,228,260 C0)	NL (EP 3,806,465)
LI (EP 2,745,515)	LT (EP 4,228,261 C0)	NL (EP 3,806,466)
LI (EP 2,777,264)	LU (EP 4,228,259 C0)	NL (EP 3,806,468)
LI (EP 2,777,275)	LU (EP 4,228,260 C0)	NL (EP 3,806,469)
LI (EP 2,805,485)	LU (EP 4,228,261 C0)	NL (EP 3,806,470)
LI (EP 2,805,507)	LV (EP 4,228,259 C0)	NL (EP 3,905,679)
LI (EP 3,070,944)	LV (EP 4,228,260 C0)	NL (EP 3,972,248)
LI (EP 3,099,070)	LV (EP 4,228,261 C0)	NL (EP 3,972,249)
LI (EP 3,174,297)	MT (EP 4,228,259 C0)	NL (EP 3,979,643)
LI (EP 3,244,613)	MT (EP 4,228,260 C0)	NL (EP 4,075,801)
LI (EP 3,247,117)	MT (EP 4,228,261 C0)	NL (EP 4,075,802)
LI (EP 3,253,060)	NL (EP 2,664,142)	NL (EP 4,114,002)
LI (EP 3,288,264)	NL (EP 2,664,147)	NL (EP 4,114,003)
LI (EP 3,396,957)	NL (EP 2,666,294)	NL (EP 4,228,259 C0)
LI (EP 3,422,712)	NL (EP 2,684,362)	NL (EP 4,228,260 C0)
LI (EP 3,422,713)	NL (EP 2,684,368)	NL (EP 4,228,261 C0)
LI (EP 3,474,552)	NL (EP 2,745,515)	NO (EP 3,518,540)
LI (EP 3,499,893)	NL (EP 2,777,253)	NO (EP 3,745,723)
LI (EP 3,512,199)	NL (EP 2,777,255)	NO (EP 3,806,464)
LI (EP 3,518,540)	NL (EP 2,777,264)	NO (EP 3,806,465)
LI (EP 3,518,544)	NL (EP 2,777,275)	NO (EP 3,806,466)
LI (EP 3,609,180)	NL (EP 2,805,485)	NO (EP 3,806,468)
LI (EP 3,654,648)	NL (EP 2,805,507)	NO (EP 3,806,469)
LI (EP 3,657,790)	NL (EP 3,070,944)	NO (EP 3,806,470)
LI (EP 3,657,791)	NL (EP 3,099,070)	NO (EP 3,972,248)
LI (EP 3,657,792)	NL (EP 3,174,297)	NO (EP 3,972,249)
LI (EP 3,668,094)	NL (EP 3,244,613)	NO (EP 3,979,643)
LI (EP 3,668,095)	NL (EP 3,247,117)	NO (EP 4,075,801)
LI (EP 3,737,094)	NL (EP 3,253,060)	NO (EP 4,075,802)
LI (EP 3,737,095)	NL (EP 3,288,264)	NO (EP 4,114,002)
LI (EP 3,737,096)	NL (EP 3,396,957)	NO (EP 4,114,003)
LI (EP 3,742,731)	NL (EP 3,422,712)	NO (EP 4,228,259 C0)
LI (EP 3,745,723)	NL (EP 3,422,713)	NO (EP 4,228,260 C0)
LI (EP 3,806,464)	NL (EP 3,474,552)	NO (EP 4,228,261 C0)
LI (EP 3,806,465)	NL (EP 3,499,893)	PL (EP 2,664,147)
LI (EP 3,806,466)	NL (EP 3,512,199)	PL (EP 2,745,515)
LI (EP 3,806,468)	NL (EP 3,518,540)	PL (EP 2,777,264)
LI (EP 3,806,469)	NL (EP 3,518,544)	PL (EP 2,777,275)
LI (EP 3,806,470)	NL (EP 3,609,180)	PL (EP 2,805,485)
LI (EP 3,905,679)	NL (EP 3,654,648)	PL (EP 2,805,507)
LI (EP 3,972,248)	NL (EP 3,657,790)	PL (EP 3,070,944)
LI (EP 3,972,249)	NL (EP 3,657,791)	PL (EP 3,099,070)
LI (EP 3,979,643)	NL (EP 3,657,792)	PL (EP 3,174,297)
LI (EP 4,075,801)	NL (EP 3,668,094)	PL (EP 3,244,613)
LI (EP 4,075,802)	NL (EP 3,668,095)	PL (EP 3,247,117)
LI (EP 4,114,002)	NL (EP 3,737,094)	PL (EP 3,253,060)
LI (EP 4,114,003)	NL (EP 3,737,095)	PL (EP 3,288,264)

PL (EP 3,396,957)	PT (EP 4,114,003)	RO (EP 4,228,259 C0)
PL (EP 3,422,712)	PT (EP 4,228,259 C0)	RO (EP 4,228,260 C0)
PL (EP 3,422,713)	PT (EP 4,228,260 C0)	RO (EP 4,228,261 C0)
PL (EP 3,474,552)	PT (EP 4,228,261 C0)	RS (EP 3,518,540)
PL (EP 3,499,893)	RO (EP 2,664,147)	RS (EP 3,745,723)
PL (EP 3,512,199)	RO (EP 2,745,515)	RS (EP 3,806,464)
PL (EP 3,518,540)	RO (EP 2,777,264)	RS (EP 3,806,465)
PL (EP 3,518,544)	RO (EP 2,777,275)	RS (EP 3,806,466)
PL (EP 3,609,180)	RO (EP 2,805,485)	RS (EP 3,806,468)
PL (EP 3,654,648)	RO (EP 2,805,507)	RS (EP 3,806,469)
PL (EP 3,657,790)	RO (EP 3,070,944)	RS (EP 3,806,470)
PL (EP 3,657,791)	RO (EP 3,099,070)	RS (EP 3,972,248)
PL (EP 3,657,792)	RO (EP 3,174,297)	RS (EP 3,972,249)
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PL (EP 3,668,095)	RO (EP 3,247,117)	RS (EP 4,075,801)
PL (EP 3,737,094)	RO (EP 3,253,060)	RS (EP 4,075,802)
PL (EP 3,737,095)	RO (EP 3,288,264)	RS (EP 4,114,002)
PL (EP 3,737,096)	RO (EP 3,396,957)	RS (EP 4,114,003)
PL (EP 3,742,731)	RO (EP 3,422,712)	SE (EP 2,664,147)
PL (EP 3,745,723)	RO (EP 3,422,713)	SE (EP 2,684,362)
PL (EP 3,806,464)	RO (EP 3,474,552)	SE (EP 2,745,515)
PL (EP 3,806,465)	RO (EP 3,499,893)	SE (EP 2,777,253)
PL (EP 3,806,466)	RO (EP 3,512,199)	SE (EP 2,777,255)
PL (EP 3,806,468)	RO (EP 3,518,540)	SE (EP 2,777,264)
PL (EP 3,806,469)	RO (EP 3,518,544)	SE (EP 2,777,275)
PL (EP 3,806,470)	RO (EP 3,609,180)	SE (EP 2,805,485)
PL (EP 3,905,679)	RO (EP 3,654,648)	SE (EP 2,805,507)
PL (EP 3,972,248)	RO (EP 3,657,790)	SE (EP 3,070,944)
PL (EP 3,972,249)	RO (EP 3,657,791)	SE (EP 3,099,070)
PL (EP 3,979,643)	RO (EP 3,657,792)	SE (EP 3,174,297)
PL (EP 4,075,801)	RO (EP 3,668,094)	SE (EP 3,244,613)
PL (EP 4,075,802)	RO (EP 3,668,095)	SE (EP 3,247,117)
PL (EP 4,114,002)	RO (EP 3,737,094)	SE (EP 3,253,060)
PL (EP 4,114,003)	RO (EP 3,737,095)	SE (EP 3,288,264)
PL (EP 4,228,259 C0)	RO (EP 3,737,096)	SE (EP 3,396,957)
PL (EP 4,228,260 C0)	RO (EP 3,742,731)	SE (EP 3,422,712)
PL (EP 4,228,261 C0)	RO (EP 3,745,723)	SE (EP 3,422,713)
PT (EP 3,518,540)	RO (EP 3,806,464)	SE (EP 3,474,552)
PT (EP 3,745,723)	RO (EP 3,806,465)	SE (EP 3,499,893)
PT (EP 3,806,464)	RO (EP 3,806,466)	SE (EP 3,512,199)
PT (EP 3,806,465)	RO (EP 3,806,468)	SE (EP 3,518,540)
PT (EP 3,806,466)	RO (EP 3,806,469)	SE (EP 3,518,544)
PT (EP 3,806,468)	RO (EP 3,806,470)	SE (EP 3,609,180)
PT (EP 3,806,469)	RO (EP 3,905,679)	SE (EP 3,654,648)
PT (EP 3,806,470)	RO (EP 3,972,248)	SE (EP 3,657,790)
PT (EP 3,972,248)	RO (EP 3,972,249)	SE (EP 3,657,791)
PT (EP 3,972,249)	RO (EP 3,979,643)	SE (EP 3,657,792)
PT (EP 3,979,643)	RO (EP 4,075,801)	SE (EP 3,668,094)
PT (EP 4,075,801)	RO (EP 4,075,802)	SE (EP 3,668,095)
PT (EP 4,075,802)	RO (EP 4,114,002)	SE (EP 3,737,094)
PT (EP 4,114,002)	RO (EP 4,114,003)	SE (EP 3,737,095)

SE (EP 3,737,096)	SK (EP 3,737,094)	TR (EP 3,745,723)
SE (EP 3,742,731)	SK (EP 3,737,095)	TR (EP 3,806,464)
SE (EP 3,745,723)	SK (EP 3,737,096)	TR (EP 3,806,465)
SE (EP 3,806,464)	SK (EP 3,742,731)	TR (EP 3,806,466)
SE (EP 3,806,465)	SK (EP 3,745,723)	TR (EP 3,806,468)
SE (EP 3,806,466)	SK (EP 3,806,464)	TR (EP 3,806,469)
SE (EP 3,806,468)	SK (EP 3,806,465)	TR (EP 3,806,470)
SE (EP 3,806,469)	SK (EP 3,806,466)	TR (EP 3,905,679)
SE (EP 3,806,470)	SK (EP 3,806,468)	TR (EP 3,972,248)
SE (EP 3,905,679)	SK (EP 3,806,469)	TR (EP 3,972,249)
SE (EP 3,972,248)	SK (EP 3,806,470)	TR (EP 3,979,643)
SE (EP 3,972,249)	SK (EP 3,905,679)	TR (EP 4,075,801)
SE (EP 3,979,643)	SK (EP 3,972,248)	TR (EP 4,075,802)
SE (EP 4,075,801)	SK (EP 3,972,249)	TR (EP 4,114,002)
SE (EP 4,075,802)	SK (EP 3,979,643)	TR (EP 4,114,003)
SE (EP 4,114,002)	SK (EP 4,075,801)	TR (EP 4,228,259 C0)
SE (EP 4,114,003)	SK (EP 4,075,802)	TR (EP 4,228,260 C0)
SE (EP 4,228,259 C0)	SK (EP 4,114,002)	TR (EP 4,228,261 C0)
SE (EP 4,228,260 C0)	SK (EP 4,114,003)	US 8,824,555
SE (EP 4,228,261 C0)	TR (EP 2,664,147)	US 9,106,931
SI (EP 4,228,259 C0)	TR (EP 2,745,515)	US 9,118,931
SI (EP 4,228,260 C0)	TR (EP 2,777,264)	US 9,277,221
SI (EP 4,228,261 C0)	TR (EP 2,777,275)	US 9,386,312
SK (EP 2,664,147)	TR (EP 2,805,485)	US 9,445,094
SK (EP 2,745,515)	TR (EP 2,805,507)	US 9,716,895
SK (EP 2,777,264)	TR (EP 3,070,944)	US 9,736,495
SK (EP 2,777,275)	TR (EP 3,099,070)	US 9,769,484
SK (EP 2,805,485)	TR (EP 3,174,297)	US 9,774,886
SK (EP 2,805,507)	TR (EP 3,244,613)	US 9,794,596
SK (EP 3,070,944)	TR (EP 3,247,117)	US 9,826,241
SK (EP 3,099,070)	TR (EP 3,253,060)	US 9,848,208
SK (EP 3,174,297)	TR (EP 3,288,264)	US 9,918,089
SK (EP 3,244,613)	TR (EP 3,396,957)	US 9,930,332
SK (EP 3,247,117)	TR (EP 3,422,712)	US 9,979,968
SK (EP 3,253,060)	TR (EP 3,422,713)	US 9,979,979
SK (EP 3,288,264)	TR (EP 3,474,552)	US 10,057,592
SK (EP 3,396,957)	TR (EP 3,499,893)	US 10,070,129
SK (EP 3,422,712)	TR (EP 3,512,199)	US 10,097,738
SK (EP 3,422,713)	TR (EP 3,518,540)	US 10,110,897
SK (EP 3,474,552)	TR (EP 3,518,544)	US 10,110,899
SK (EP 3,499,893)	TR (EP 3,609,180)	US 10,165,279
SK (EP 3,512,199)	TR (EP 3,654,648)	US 10,165,287
SK (EP 3,518,540)	TR (EP 3,657,790)	US 10,237,568
SK (EP 3,518,544)	TR (EP 3,657,791)	US 10,250,890
SK (EP 3,609,180)	TR (EP 3,657,792)	US 10,264,253
SK (EP 3,654,648)	TR (EP 3,668,094)	US 10,306,256
SK (EP 3,657,790)	TR (EP 3,668,095)	US 10,349,077
SK (EP 3,657,791)	TR (EP 3,737,094)	US 10,382,757
SK (EP 3,657,792)	TR (EP 3,737,095)	US 10,397,575
SK (EP 3,668,094)	TR (EP 3,737,096)	US 10,462,493
SK (EP 3,668,095)	TR (EP 3,742,731)	US 10,516,887

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 US 10,531,101
 US 10,554,996
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 US 10,574,863
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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 had the right to license or sublicense prior to the date of such Licensor's termination.

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January 25, 2024)**

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AL (EP 4,387,232)	CN 113873261	EE (EP 4,510,586)
AL (EP 4,447,452)	CN 113873262	ES (EP 3,975,559)
AL (EP 4,447,453)	CN 113891096	ES (EP 4,387,232)
AL (EP 4,510,586)	CN 114143550	ES (EP 4,447,452)
AT (EP 3,975,559)	CN 114245118	ES (EP 4,447,453)
AT (EP 4,387,232)	CN 114245119	ES (EP 4,507,308)
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AU 2022228228	CN 114531589	FI (EP 4,510,586)
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AU 2023214313	CN 115802058	FR (EP 4,447,453)
AU 2023214314	CN 115802059	FR (EP 4,507,308)
AU 2023214315	CN 115834909	FR (EP 4,510,586)
AU 2024202565	CY (EP 3,975,559)	FR (EP 4,510,587)
AU 2024202566	CY (EP 4,387,232)	GB (EP 3,975,559)
AU 2024202567	CY (EP 4,447,452)	GB (EP 4,387,232)
AU 2024202568	CY (EP 4,447,453)	GB (EP 4,447,452)
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BG (EP 4,507,308)	DE (EP 4,507,308)	HK 40066007
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BG (EP 4,510,587)	DE (EP 4,510,587)	HK 40071404
BG (EP 4,510,586)	DK (EP 3,975,559)	HK 40072997
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HK 40089891	JP 7,353,522	MK (EP 4,447,452)
HK 40090142	JP 7,353,523	MK (EP 4,447,453)
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**Electronics and
Telecommunications Research
Institute (terminated January 2,
2020)**

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MO J/005367	SK (EP 2,840,788)	US 9,900,618
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US 10,397,589	US 11,228,778	KR 2,006,237
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US 10,419,752	US 11,252,411	KR 2,006,443
US 10,432,950	US 11,350,125	KR 2,132,409
US 10,432,968	US 11,412,240	KR 2,132,410
US 10,440,371	US 11,470,342	KR 2,420,974
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US 10,455,232	US 11,659,159	US 10,567,782
US 10,455,233	US 11,706,438	US 10,674,169
US 10,455,234	US 11,706,449	
US 10,455,241	US 11,736,696	
US 10,477,213	VN 22643	
US 10,511,836	VN 23057	
US 10,516,883	VN 23643	
US 10,516,897	VN 23707	
US 10,531,115	VN 29298	
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US 10,735,752		
US 10,798,414		

**Electronics and
Telecommunications Research
Institute and Korea Advanced
Institute of Science and
Technology (KAIST)
(terminated January 2, 2020)**

CN 106101730
CN 106131576
CN 106131577
CN 201180058404
CN 201610648937.9
JP 5,612,215
JP 5,998,180
JP 6,437,494
JP 6,855,419

**Electronics and
Telecommunications Research
Institute and Kwangwoon
University Industry - Academic
Collaboration Foundation
(terminated January 2, 2020)**

KR 2,071,665
KR 2,071,666

**Electronics and
Telecommunications Research
Institute and University-
Industry Cooperation
Foundation of Korea Aerospace
University (terminated January
2, 2020)**

BE (EP 3,258,692)
BR 112014006320
CA 2,849,004
CH (EP 3,258,692)
CN 108366266
CN 108366269
CN 108377395

CN 108391124
 CN 108391138
 CN 201280056452.0
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 MC (EP 3,258,692)
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 US 10,194,167
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 US 10,708,615
 US 10,743,022
 US 10,750,202

Electronics and
Telecommunications Research
Institute and University-
Industry Cooperation Group of
Kyung Hee University
(terminated January 2, 2020)

AT (EP 2,869,557)
 AU 2016200779
 AU 2016200938
 AU 2018202742
 AU 2018202743
 AU 2018202744
 AU 2019205017
 AU 2021212037
 BE (EP 2,869,557)
 CA 2,855,777
 CH (EP 2,869,557)
 CN 106937122

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 CN 201280066431.7
 CN 201380030775.7
 CN 201380039011.4
 CN 201710049695.6
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 NO (EP 2,869,557)
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 TW I612799
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 VN 23601

Electronics and
Telecommunications Research
Institute, Kwangwoon University
Industry - Academic
Collaboration Foundation and
University-Industry Cooperation
Group of Kyung Hee University
(terminated January 2, 2020)

KR 1,356,448
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 US 10,321,137
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 US 11,683,502

Hangzhou Hikvision Digital
Technology Co., Ltd.
(terminated January 16, 2026)

CN 104244007
 CN 104378644
 CN 111800640
 CN 112383780
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 KR 1,388,469
 KR 1,539,178
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 KR 2,032,268
 US 8,855,205
 US 9,344,738
 US 9,344,739
 US 9,344,740
 US 9,344,741
 US 9,781,441
 US 10,142,649

IDEAHUB, Inc. (terminated
April 26, 2026)

BR 112014023948-7
 BR 122020010110-5
 CN 201180038054.1
 CN 201180039691.0
 CN 201510176228.0
 CN 201510209330.6
 CN 201510219813.4
 CN 201510226239.5
 CN 201610288628.5
 CN 201610517204.1
 CN 201610518671.6
 CN 201610518674.X
 CN 201610519076.4
 CN 201610670570.0
 CN 201610726637.8
 CN 201610728919.1

CN 201610833394.8	KR 1,348,613	RU 2647693
CN 201611000685.5	KR 1,376,673	RU 2,676,241
CN 201611023962.4	KR 1,387,467	RU 2,694,442
DE (EP 2,608,540)	KR 1,424,221	RU 2,697,929
DE (EP 3,402,194)	KR 1,424,222	SE (EP 2,608,540)
DE (EP 3,402,196)	KR 1,424,223	SK (EP 3,402,194)
DE (EP 3,402,197)	KR 1,440,610	SK (EP 3,402,196)
DE (EP 3,941,051)	KR 1,472,030	SK (EP 3,402,197)
ES (EP 2,608,540)	KR 1,472,031	SK (EP 3,402,198)
ES (EP 3,402,194)	KR 1,531,397	TR (EP 3,402,194)
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ES (EP 3,402,197)	KR 1,581,742	TR (EP 3,402,197)
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FR (EP 3,402,196)	KR 1,633,294	TW I660624
FR (EP 3,402,197)	KR 1,650,464	TW I699112
FR (EP 3,941,051)	KR 1,650,936	TW I715508
GB (EP 2,608,540)	KR 1,667,282	US Re. 49,308
GB (EP 3,402,194)	KR 1,700,410	US 8,861,616
GB (EP 3,402,196)	KR 1,700,411	US 8,929,460
GB (EP 3,402,197)	KR 1,701,176	US 8,953,686
GB (EP 3,941,051)	KR 1,713,295	US 8,995,778
HU (EP 3,402,194)	KR 1,732,708	US 9,036,944
HU (EP 3,402,196)	KR 1,732,709	US 9,053,543
HU (EP 3,402,197)	KR 1,791,163	US 9,053,544
HU (EP 3,402,198)	KR 1,791,164	US 9,058,659
IN 357392	KR 1,810,198	US 9,154,790
IT (EP 2,608,540)	KR 1,821,981	US 9,167,250
IT (EP 3,402,194)	KR 1,825,726	US 9,172,959
IT (EP 3,402,196)	KR 1,895,362	US 9,363,528
IT (EP 3,402,197)	KR 1,934,840	US 9,467,705
IT (EP 3,941,051)	KR 1,934,950	US 9,602,832
JP 5,664,584	KR 2,003,051	US 9,699,449
JP 5,928,073	KR 2,051,083	US 9,838,691
JP 5,954,513	KR 2,062,821	US 9,918,093
JP 5,954,514	KR 2,118,718	US 10,063,874
JP 6,128,264	KR 2,233,263	US 10,212,422
JP 6,128,265	KR 2,343,371	US 10,212,448
JP 6,163,176	KR 2,447,472	US 10,244,251
JP 6,256,565	KR 2,518,993	US 10,334,252
JP 6,256,566	KR 2,549,817	US 10,356,434
JP 6,256,572	NL (EP 2,608,540)	US 10,484,706
JP 6,264,428	NL (EP 3,941,051)	US 10,499,076
JP 6,293,943	PL (EP 3,402,194)	US 10,616,594
JP 6,615,922	PL (EP 3,402,196)	US 10,827,174
JP 6,625,680	PL (EP 3,402,197)	US 10,939,106
JP 6,636,551	PL (EP 3,402,198)	US 11,968,373
KR 928,325	PL (EP 3,941,051)	
KR 1,292,093	RU 2607998	

Intellectual Discovery Co., Ltd.
(terminated January 2, 2020)

AT (EP 2,725,798)	DE (EP 2,725,798)	JP 6,840,779
AT (EP 3,512,197)	DE (EP 2,806,642)	JP 6,895,555
BE (EP 2,725,798)	DE (EP 3,512,197)	JP 6,900,521
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CH (EP 2,725,798)	EE (EP 3,512,197)	JP 7,087,169
CH (EP 2,806,642)	ES (EP 2,725,798)	JP 7,094,425
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CN 104081770	FI (EP 2,725,798)	JP 7,210,687
CN 105141955	FI (EP 3,512,197)	JP 7,228,639
CN 105611298	FR (EP 2,725,798)	JP 7,242,477
CN 105684442	FR (EP 2,806,642)	JP 7,266,515
CN 105721876	FR (EP 3,512,197)	KR 1,215,152
CN 105847797	GB (EP 2,725,798)	KR 1,362,441
CN 106911931	GB (EP 2,806,642)	KR 1,442,127
CN 107071469	GB (EP 3,512,197)	KR 1,552,639
CN 107087194	GR (EP 3,512,197)	KR 1,559,523
CN 107087195	HK 1,244,607	KR 1,566,366
CN 107105270	HK 1,244,608	KR 1,569,086
CN 107105271	HK 1,244,609	KR 1,575,777
CN 107105288	HK 1,244,610	KR 1,588,601
CN 107105289	HR (EP 3,512,197)	KR 1,593,126
CN 107105290	HU (EP 3,512,197)	KR 1,611,409
CN 107105291	ID P000064270	KR 1,619,972
CN 107105292	ID P000069350	KR 1,619,975
CN 107105293	ID P000069686	KR 1,620,619
CN 107181956	ID P000069875	KR 1,642,123
CN 107181962	ID P000078302	KR 1,642,371
CN 107197268	IE (EP 2,806,642)	KR 1,669,541
CN 107197309	IE (EP 3,512,197)	KR 1,672,494
CN 107197310	IS (EP 3,512,197)	KR 1,677,696
CN 107197311	IT (EP 2,725,798)	KR 1,706,166
CN 107257487	IT (EP 3,512,197)	KR 1,706,276
CN 107257488	JP 5,869,681	KR 1,708,265
CN 107454419	JP 5,970,022	KR 1,709,775
CN 107454420	JP 6,100,344	KR 1,737,607
CN 107454421	JP 6,147,707	KR 1,740,389
CN 108777795	JP 6,157,672	KR 1,741,037
CN 109194961	JP 6,167,202	KR 1,769,085
CN 109413423	JP 6,185,461	KR 1,769,427
CN 109413428	JP 6,228,261	KR 1,769,573
CN 109413429	JP 6,334,634	KR 1,769,574
CN 111629208	JP 6,364,110	KR 1,769,576
CN 201180067417.4	JP 6,388,690	KR 1,769,936
CN 201280031037.X	JP 6,492,147	KR 1,769,937
CN 201280059565.6	JP 6,518,274	KR 1,769,938
CN 201510106530.9	JP 6,578,418	KR 1,801,255
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KR 1,801,905	KR 2,129,352	US Re. 46,678
KR 1,802,957	KR 2,133,784	US Re. 47,465
KR 1,805,429	KR 2,157,121	US Re. 49,330
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KR 1,836,094	KR 2,185,954	US 8,989,262
KR 1,836,981	KR 2,216,320	US 9,002,123
KR 1,837,040	KR 2,219,262	US 9,008,180
KR 1,838,183	KR 2,294,054	US 9,282,342
KR 1,863,082	KR 2,294,055	US 9,288,491
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KR 1,870,308	KR 2,296,826	US 9,420,312
KR 1,876,379	KR 2,320,585	US 9,432,675
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KR 1,907,078	KR 2,398,997	US 9,462,290
KR 1,920,352	KR 2,399,001	US 9,516,323
KR 1,920,353	KR 2,399,795	US 9,532,042
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KR 1,922,564	KR 2,412,271	US 9,554,130
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KR 1,924,089	KR 2,421,921	US 9,743,096
KR 1,924,090	KR 2,435,393	US 9,749,632
KR 1,928,850	KR 2,475,242	US 9,762,923
KR 1,928,851	KR 2,480,967	US 9,819,963
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KR 1,950,209	LI (EP 2,806,642)	US 9,854,248
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KR 1,965,287	LT (EP 3,512,197)	US 9,936,218
KR 1,969,051	LU (EP 2,806,642)	US 9,955,155
KR 1,972,407	LU (EP 3,512,197)	US 9,955,169
KR 1,974,952	LV (EP 3,512,197)	US 9,986,238
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KR 1,979,781	MK (EP 3,512,197)	US 10,045,026
KR 1,990,422	MT (EP 3,512,197)	US 10,045,031
KR 1,990,423	NL (EP 2,725,798)	US 10,085,031
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KR 2,011,491	PL (EP 3,512,197)	US 10,158,852
KR 2,015,374	PT (EP 2,725,798)	US 10,187,643
KR 2,018,112	PT (EP 3,512,197)	US 10,187,644
KR 2,035,565	RO (EP 3,512,197)	US 10,218,972
KR 2,069,784	RS (EP 3,512,197)	US 10,237,577
KR 2,075,061	SE (EP 3,512,197)	US 10,250,880
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KR 2,093,205	SK (EP 3,512,197)	US 10,334,258
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KR 2,127,687	TR (EP 3,512,197)	US 10,419,765

US 10,425,653	<u>JVCKENWOOD Corporation</u>	BG (EP 3,833,024)
US 10,536,704	<u>(terminated March 30, 2023)</u>	BG (EP 3,910,945)
US 10,554,982		BG (EP 3,910,947)
US 10,554,983	AE 2693	BR 112013030935-0
US 10,574,985	AT (EP 3,754,988)	BR 112013032349-3
US 10,587,893	AT (EP 3,833,024)	BR 112013033818-0
US 10,609,371	AT (EP 3,910,945)	BR 112014007492-5
US 10,616,575	AT (EP 3,910,947)	BR 112014013538-0
US 10,645,399	AU 2013247974	BR 112014013961-0
US 10,652,533	AU 2014245686	BR 112014013962-8
US 10,659,810	AU 2016210589	BR 112014013969-5
US 10,659,811	AU 2016262700	BR 112014013977-6
US 10,666,950	AU 2017245338	BR 112014016922-5
US 10,681,349	AU 2018200190	BR 112014023525-2
US 10,708,579	AU 2019200733	BR 112014023933-9
US 10,708,614	AU 2019200990	BR 112014024294-1
US 10,757,443	AU 2020200437	BR 122020008353-0
US 10,757,444	AU 2020202671	BR 122020013891-2
US 10,785,503	BE (EP 2,717,574)	BR 122020013893-9
US 10,863,173	BE (EP 2,793,467)	BR 122020014280-4
US 10,917,645	BE (EP 2,802,146)	BR 122020014458-0
US 10,986,346	BE (EP 2,838,260)	BR 122020015070-0
US 10,986,348	BE (EP 2,838,261)	BR 122020016747-5
US 11,025,901	BE (EP 2,981,087)	CA 2,869,637
US 11,032,540	BE (EP 3,249,926)	CA 2,907,572
US 11,051,019	BE (EP 3,416,383)	CA 2,960,604
US 11,064,191	BE (EP 3,416,384)	CA 3,040,987
US 11,082,686	BE (EP 3,416,385)	CA 3,092,494
US 11,102,471	BE (EP 3,419,289)	CA 3,114,391
US 11,172,206	BE (EP 3,419,290)	CH (EP 2,717,574)
US 11,190,767	BE (EP 3,422,714)	CH (EP 2,793,467)
US 11,206,424	BE (EP 3,503,554)	CH (EP 2,802,146)
US 11,252,407	BE (EP 3,515,073)	CH (EP 2,838,260)
US 11,252,424	BE (EP 3,515,077)	CH (EP 2,838,261)
US 11,323,704	BE (EP 3,515,078)	CH (EP 2,981,087)
US 11,356,665	BE (EP 3,515,079)	CH (EP 3,249,926)
US 11,363,278	BE (EP 3,515,080)	CH (EP 3,416,383)
US 11,381,844	BE (EP 3,654,651)	CH (EP 3,416,384)
US 11,388,393	BE (EP 3,697,090)	CH (EP 3,416,385)
US 11,412,216	BE (EP 3,697,091)	CH (EP 3,419,289)
US 11,412,231	BE (EP 3,697,092)	CH (EP 3,419,290)
US 11,438,593	BE (EP 3,703,370)	CH (EP 3,422,714)
US 11,445,196	BE (EP 3,703,371)	CH (EP 3,503,554)
US 11,516,461	BE (EP 3,716,621)	CH (EP 3,515,073)
US 11,689,728	BE (EP 3,754,988)	CH (EP 3,515,077)
US 11,706,423	BE (EP 3,833,022)	CH (EP 3,515,078)
US 11,729,380	BE (EP 3,833,023)	CH (EP 3,515,079)
US 11,743,486	BE (EP 3,833,024)	CH (EP 3,515,080)
US 11,750,803	BE (EP 3,910,945)	CH (EP 3,654,651)
	BE (EP 3,910,947)	CH (EP 3,697,090)
	BG (EP 3,754,988)	CH (EP 3,697,091)

CH (EP 3,697,092)	CN 201610987042.8	DE (EP 3,419,290)
CH (EP 3,703,370)	CN 201710085119.7	DE (EP 3,422,714)
CH (EP 3,703,371)	CN 201710169180.X	DE (EP 3,503,554)
CH (EP 3,716,621)	CN 201710475550.2	DE (EP 3,515,073)
CH (EP 3,754,988)	CN 201710476838.1	DE (EP 3,515,077)
CH (EP 3,833,022)	CN 201710476854.0	DE (EP 3,515,078)
CH (EP 3,833,023)	CN 201710476861.0	DE (EP 3,515,079)
CH (EP 3,833,024)	CN 201710600721.X	DE (EP 3,515,080)
CH (EP 3,910,945)	CN 201710602297.2	DE (EP 3,606,074)
CH (EP 3,910,947)	CN 201710602298.7	DE (EP 3,654,651)
CL 58464	CN 201710602299.1	DE (EP 3,697,090)
CN 108174203	CN 201710720164.5	DE (EP 3,697,091)
CN 108235032B	CN 201710720191.2	DE (EP 3,697,092)
CN 109327702	CN 201710720192.7	DE (EP 3,703,370)
CN 109348232	CN 201710720276.0	DE (EP 3,703,371)
CN 109379600	CN 201810157196.3	DE (EP 3,716,621)
CN 109379601	CZ (EP 2,717,574)	DE (EP 3,754,988)
CN 201280012382.9	CZ (EP 2,802,146)	DE (EP 3,833,022)
CN 201280028619.2	CZ (EP 2,838,260)	DE (EP 3,833,023)
CN 201280029864.5	CZ (EP 2,838,261)	DE (EP 3,833,024)
CN 201280030889.7	CZ (EP 2,981,087)	DE (EP 3,910,945)
CN 201280032664.5	CZ (EP 3,249,926)	DE (EP 3,910,947)
CN 201280060041.9	CZ (EP 3,503,554)	DK (EP 2,717,574)
CN 201280060716.X	CZ (EP 3,515,077)	DK (EP 2,802,146)
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CN 201380013459.9	CZ (EP 3,515,079)	DK (EP 2,838,261)
CN 201380018023.9	CZ (EP 3,654,651)	DK (EP 2,981,087)
CN 201480019477.2	CZ (EP 3,697,090)	DK (EP 3,249,926)
CN 201510582018.1	CZ (EP 3,697,091)	DK (EP 3,503,554)
CN 201510582521.7	CZ (EP 3,697,092)	DK (EP 3,515,078)
CN 201510582740.5	CZ (EP 3,703,370)	DK (EP 3,515,079)
CN 201510582751.3	CZ (EP 3,703,371)	DK (EP 3,654,651)
CN 201510583247.5	CZ (EP 3,716,621)	DK (EP 3,697,090)
CN 201510583648.0	CZ (EP 3,833,022)	DK (EP 3,697,091)
CN 201510583649.5	CZ (EP 3,833,023)	DK (EP 3,697,092)
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CN 201510583843.3	CZ (EP 3,910,945)	DK (EP 3,703,371)
CN 201510583941.7	DE (EP 2,717,574)	DK (EP 3,716,621)
CN 201610161628.9	DE (EP 2,728,882)	DK (EP 3,754,988)
CN 201610161695.0	DE (EP 2,793,467)	DK (EP 3,833,022)
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CN 201610162707.1	DE (EP 2,838,260)	DK (EP 3,910,945)
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CN 201610525866.3	DE (EP 2,981,087)	EE (EP 3,754,988)
CN 201610526281.3	DE (EP 3,249,926)	EE (EP 3,833,024)
CN 201610526282.8	DE (EP 3,285,489)	EE (EP 3,910,945)
CN 201610814160.9	DE (EP 3,416,383)	EE (EP 3,910,947)
CN 201610814925.9	DE (EP 3,416,384)	ES (EP 2,717,574)
CN 201610815954.7	DE (EP 3,416,385)	ES (EP 2,793,467)
CN 201610816241.2	DE (EP 3,419,289)	ES (EP 2,838,260)

ES (EP 2,981,087)	FR (EP 2,838,261)	GB (EP 3,515,080)
ES (EP 3,249,926)	FR (EP 2,981,087)	GB (EP 3,606,074)
ES (EP 3,416,383)	FR (EP 3,249,926)	GB (EP 3,654,651)
ES (EP 3,416,384)	FR (EP 3,285,489)	GB (EP 3,697,090)
ES (EP 3,416,385)	FR (EP 3,416,383)	GB (EP 3,697,091)
ES (EP 3,515,077)	FR (EP 3,416,384)	GB (EP 3,697,092)
ES (EP 3,515,078)	FR (EP 3,416,385)	GB (EP 3,703,370)
ES (EP 3,515,079)	FR (EP 3,419,289)	GB (EP 3,703,371)
ES (EP 3,515,080)	FR (EP 3,419,290)	GB (EP 3,716,621)
ES (EP 3,654,651)	FR (EP 3,422,714)	GB (EP 3,754,988)
ES (EP 3,697,090)	FR (EP 3,503,554)	GB (EP 3,833,022)
ES (EP 3,697,091)	FR (EP 3,515,073)	GB (EP 3,833,023)
ES (EP 3,697,092)	FR (EP 3,515,077)	GB (EP 3,833,024)
ES (EP 3,703,370)	FR (EP 3,515,078)	GB (EP 3,910,945)
ES (EP 3,703,371)	FR (EP 3,515,079)	GB (EP 3,910,947)
ES (EP 3,716,621)	FR (EP 3,515,080)	HR (EP 3,515,077)
ES (EP 3,754,988)	FR (EP 3,606,074)	HR (EP 3,697,090)
ES (EP 3,833,022)	FR (EP 3,654,651)	HR (EP 3,697,091)
ES (EP 3,833,023)	FR (EP 3,697,090)	HR (EP 3,697,092)
ES (EP 3,833,024)	FR (EP 3,697,091)	HR (EP 3,703,371)
ES (EP 3,910,945)	FR (EP 3,697,092)	HR (EP 3,716,621)
ES (EP 3,910,947)	FR (EP 3,703,370)	HR (EP 3,833,022)
FI (EP 2,717,574)	FR (EP 3,703,371)	HR (EP 3,833,023)
FI (EP 2,793,467)	FR (EP 3,716,621)	HR (EP 3,833,024)
FI (EP 2,802,146)	FR (EP 3,754,988)	HU (EP 2,717,574)
FI (EP 2,838,260)	FR (EP 3,833,022)	HU (EP 2,793,467)
FI (EP 2,838,261)	FR (EP 3,833,023)	HU (EP 2,802,146)
FI (EP 2,981,087)	FR (EP 3,833,024)	HU (EP 2,838,260)
FI (EP 3,249,926)	FR (EP 3,910,945)	HU (EP 2,838,261)
FI (EP 3,503,554)	FR (EP 3,910,947)	HU (EP 2,981,087)
FI (EP 3,515,078)	GB (EP 2,717,574)	HU (EP 3,249,926)
FI (EP 3,515,079)	GB (EP 2,728,882)	HU (EP 3,416,383)
FI (EP 3,654,651)	GB (EP 2,793,467)	HU (EP 3,416,384)
FI (EP 3,697,090)	GB (EP 2,802,146)	HU (EP 3,416,385)
FI (EP 3,697,091)	GB (EP 2,833,632)	HU (EP 3,419,289)
FI (EP 3,697,092)	GB (EP 2,838,260)	HU (EP 3,419,290)
FI (EP 3,703,370)	GB (EP 2,838,261)	HU (EP 3,422,714)
FI (EP 3,703,371)	GB (EP 2,981,087)	HU (EP 3,503,554)
FI (EP 3,716,621)	GB (EP 3,249,926)	HU (EP 3,515,077)
FI (EP 3,754,988)	GB (EP 3,285,489)	HU (EP 3,515,078)
FI (EP 3,833,022)	GB (EP 3,416,383)	HU (EP 3,515,079)
FI (EP 3,833,023)	GB (EP 3,416,384)	HU (EP 3,515,080)
FI (EP 3,833,024)	GB (EP 3,416,385)	HU (EP 3,654,651)
FI (EP 3,910,945)	GB (EP 3,419,289)	HU (EP 3,697,090)
FI (EP 3,910,947)	GB (EP 3,419,290)	HU (EP 3,697,091)
FR (EP 2,717,574)	GB (EP 3,422,714)	HU (EP 3,697,092)
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FR (EP 2,793,467)	GB (EP 3,515,073)	HU (EP 3,703,371)
FR (EP 2,802,146)	GB (EP 3,515,077)	HU (EP 3,716,621)
FR (EP 2,833,632)	GB (EP 3,515,078)	HU (EP 3,754,988)
FR (EP 2,838,260)	GB (EP 3,515,079)	HU (EP 3,833,022)

HU (EP 3,833,023)	IT (EP 3,416,383)	JP 5,679,025
HU (EP 3,833,024)	IT (EP 3,416,384)	JP 5,679,026
HU (EP 3,910,945)	IT (EP 3,416,385)	JP 5,679,031
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ID P00201507038	IT (EP 3,515,077)	JP 5,682,582
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IE (EP 2,793,467)	IT (EP 3,515,079)	JP 5,682,671
IE (EP 2,802,146)	IT (EP 3,515,080)	JP 5,682,672
IE (EP 2,838,260)	IT (EP 3,654,651)	JP 5,682,673
IE (EP 2,838,261)	IT (EP 3,697,090)	JP 5,692,260
IE (EP 2,981,087)	IT (EP 3,697,091)	JP 5,692,261
IE (EP 3,249,926)	IT (EP 3,697,092)	JP 5,692,262
IE (EP 3,416,383)	IT (EP 3,703,370)	JP 5,692,263
IE (EP 3,416,384)	IT (EP 3,703,371)	JP 5,696,683
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IE (EP 3,419,290)	IT (EP 3,833,022)	JP 5,696,758
IE (EP 3,422,714)	IT (EP 3,833,023)	JP 5,696,759
IE (EP 3,503,554)	IT (EP 3,833,024)	JP 5,696,760
IE (EP 3,515,073)	IT (EP 3,910,945)	JP 5,720,751
IE (EP 3,515,077)	IT (EP 3,910,947)	JP 5,725,006
IE (EP 3,515,078)	JP 5,246,303	JP 5,725,009
IE (EP 3,515,079)	JP 5,252,029	JP 5,725,103
IE (EP 3,515,080)	JP 5,252,032	JP 5,725,104
IE (EP 3,654,651)	JP 5,402,995	JP 5,725,105
IE (EP 3,697,090)	JP 5,477,340	JP 5,725,106
IE (EP 3,697,091)	JP 5,477,343	JP 5,725,107
IE (EP 3,697,092)	JP 5,488,666	JP 5,725,108
IE (EP 3,703,370)	JP 5,561,348	JP 5,725,118
IE (EP 3,703,371)	JP 5,614,381	JP 5,725,119
IE (EP 3,716,621)	JP 5,617,834	JP 5,725,120
IE (EP 3,754,988)	JP 5,617,979	JP 5,725,121
IE (EP 3,833,022)	JP 5,617,989	JP 5,737,381
IE (EP 3,833,023)	JP 5,617,990	JP 5,737,382
IE (EP 3,833,024)	JP 5,633,597	JP 5,737,383
IE (EP 3,910,945)	JP 5,644,701	JP 5,737,384
IN 307,236	JP 5,644,886	JP 5,747,816
IN 322,135	JP 5,664,638	JP 5,776,711
IN 334850	JP 5,664,681	JP 5,776,712
IN 371698	JP 5,664,682	JP 5,776,713
IN 386660	JP 5,664,683	JP 5,776,714
IN 416496	JP 5,664,684	JP 5,783,280
IN 422423	JP 5,664,746	JP 5,783,281
IN 532769	JP 5,664,747	JP 5,783,282
IT (EP 2,717,574)	JP 5,664,748	JP 5,783,283
IT (EP 2,793,467)	JP 5,664,749	JP 5,807,588
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IT (EP 2,838,261)	JP 5,678,924	JP 5,835,507
IT (EP 2,981,087)	JP 5,679,019	JP 5,835,518
IT (EP 3,249,926)	JP 5,679,024	JP 5,835,519

JP 5,835,520	JP 5,884,939	JP 6,112,248
JP 5,835,521	JP 5,884,940	JP 6,135,800
JP 5,835,522	JP 5,884,941	JP 6,135,801
JP 5,835,523	JP 5,884,942	JP 6,135,802
JP 5,835,524	JP 5,884,943	JP 6,135,803
JP 5,839,080	JP 5,900,307	JP 6,179,633
JP 5,839,081	JP 5,900,308	JP 6,183,509
JP 5,839,094	JP 5,907,192	JP 6,183,510
JP 5,839,101	JP 5,935,959	JP 6,183,511
JP 5,839,140	JP 5,958,165	JP 6,183,512
JP 5,839,141	JP 5,962,875	JP 6,233,489
JP 5,839,142	JP 5,962,876	JP 6,233,490
JP 5,839,143	JP 5,962,877	JP 6,252,654
JP 5,839,144	JP 5,975,146	JP 6,252,663
JP 5,839,145	JP 5,979,189	JP 6,252,664
JP 5,842,803	JP 5,979,190	JP 6,264,476
JP 5,843,039	JP 5,979,191	JP 6,274,336
JP 5,843,040	JP 5,979,192	JP 6,274,337
JP 5,843,041	JP 5,987,767	JP 6,315,133
JP 5,843,042	JP 5,987,768	JP 6,315,134
JP 5,846,132	JP 6,004,134	JP 6,315,135
JP 5,846,133	JP 6,004,135	JP 6,315,136
JP 5,846,327	JP 6,004,136	JP 6,315,137
JP 5,846,328	JP 6,004,137	JP 6,315,138
JP 5,846,329	JP 6,020,323	JP 6,376,260
JP 5,846,330	JP 6,020,760	JP 6,443,569
JP 5,853,841	JP 6,020,761	JP 6,443,570
JP 5,853,842	JP 6,020,762	JP 6,620,867
JP 5,854,110	JP 6,020,763	JP 6,644,270
JP 5,858,109	JP 6,036,965	JP 6,798,598
JP 5,858,110	JP 6,036,974	KR 1,571,947
JP 5,858,111	JP 6,036,975	KR 1,588,143
JP 5,858,112	JP 6,036,976	KR 1,589,388
JP 5,858,191	JP 6,036,977	KR 1,590,733
JP 5,858,192	JP 6,064,580	KR 1,598,306
JP 5,858,193	JP 6,064,581	KR 1,617,974
JP 5,858,194	JP 6,070,872	KR 1,637,142
JP 5,862,821	JP 6,070,873	KR 1,640,357
JP 5,862,822	JP 6,070,874	KR 1,668,575
JP 5,862,823	JP 6,070,875	KR 1,668,583
JP 5,862,824	JP 6,079,918	KR 1,672,662
JP 5,874,790	JP 6,079,919	KR 1,675,707
JP 5,874,791	JP 6,090,487	KR 1,677,003
JP 5,874,792	JP 6,090,488	KR 1,678,347
JP 5,874,793	JP 6,090,515	KR 1,681,011
JP 5,880,613	JP 6,090,516	KR 1,711,355
JP 5,884,697	JP 6,090,517	KR 1,729,429
JP 5,884,761	JP 6,090,518	KR 1,729,463
JP 5,884,936	JP 6,094,657	KR 1,742,449
JP 5,884,937	JP 6,094,658	KR 1,742,932
JP 5,884,938	JP 6,112,031	KR 1,744,468

KR 1,777,097	LV (EP 3,754,988)	NL (EP 3,833,023)
KR 1,809,879	LV (EP 3,833,024)	NL (EP 3,833,024)
KR 1,809,880	LV (EP 3,910,945)	NL (EP 3,910,945)
KR 1,809,881	LV (EP 3,910,947)	NL (EP 3,910,947)
KR 1,832,682	MT (EP 3,754,988)	NO (EP 3,515,077)
KR 1,842,851	MT (EP 3,833,024)	NO (EP 3,697,090)
KR 2,103,682	MT (EP 3,910,945)	NO (EP 3,697,091)
KR 2,200,578	MT (EP 3,910,947)	NO (EP 3,697,092)
KR 2,279,115	MX 339,686	NO (EP 3,703,371)
KR 2,365,353	MX 346,521	NO (EP 3,716,621)
KR 2,464,103	MX 363,851	NO (EP 3,833,022)
LI (EP 2,717,574)	MX 386,960	NO (EP 3,833,023)
LI (EP 2,793,467)	MY-162891-A	NO (EP 3,833,024)
LI (EP 2,802,146)	MY-162892-A	PA 90377
LI (EP 2,838,260)	MY-166213-A	PE 001633-2014/DIN
LI (EP 2,838,261)	MY-172793-A	PE 001895-2019/DIN
LI (EP 2,981,087)	MY-177865-A	PH 1-2014-502137
LI (EP 3,249,926)	MY-183790-A	PH 1-2017-500788
LI (EP 3,416,383)	NG/PT/C/2014/627	PH 1-2017-500789
LI (EP 3,416,384)	NG/PT/C/2015/1215	PH 1-2017-500790
LI (EP 3,416,385)	NG/PT/C/2015/1217	PH 1-2017-500791
LI (EP 3,419,289)	NG/PT/C/2015/1218	PL (EP 2,717,574)
LI (EP 3,419,290)	NG/PT/C/2015/1219	PL (EP 2,793,467)
LI (EP 3,422,714)	NL (EP 2,717,574)	PL (EP 2,802,146)
LI (EP 3,503,554)	NL (EP 2,793,467)	PL (EP 2,838,260)
LI (EP 3,515,073)	NL (EP 2,802,146)	PL (EP 2,838,261)
LI (EP 3,515,077)	NL (EP 2,838,260)	PL (EP 2,981,087)
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LI (EP 3,515,079)	NL (EP 2,981,087)	PL (EP 3,416,383)
LI (EP 3,515,080)	NL (EP 3,249,926)	PL (EP 3,416,384)
LI (EP 3,654,651)	NL (EP 3,416,383)	PL (EP 3,416,385)
LI (EP 3,697,090)	NL (EP 3,416,384)	PL (EP 3,419,289)
LI (EP 3,697,091)	NL (EP 3,416,385)	PL (EP 3,419,290)
LI (EP 3,697,092)	NL (EP 3,419,289)	PL (EP 3,422,714)
LI (EP 3,703,370)	NL (EP 3,419,290)	PL (EP 3,503,554)
LI (EP 3,703,371)	NL (EP 3,422,714)	PL (EP 3,515,073)
LI (EP 3,716,621)	NL (EP 3,503,554)	PL (EP 3,515,077)
LI (EP 3,754,988)	NL (EP 3,515,073)	PL (EP 3,515,078)
LI (EP 3,833,022)	NL (EP 3,515,077)	PL (EP 3,515,079)
LI (EP 3,833,023)	NL (EP 3,515,078)	PL (EP 3,515,080)
LI (EP 3,833,024)	NL (EP 3,515,079)	PL (EP 3,654,651)
LI (EP 3,910,945)	NL (EP 3,515,080)	PL (EP 3,697,090)
LI (EP 3,910,947)	NL (EP 3,654,651)	PL (EP 3,697,091)
LT (EP 3,754,988)	NL (EP 3,697,090)	PL (EP 3,697,092)
LT (EP 3,833,024)	NL (EP 3,697,091)	PL (EP 3,703,370)
LT (EP 3,910,945)	NL (EP 3,697,092)	PL (EP 3,703,371)
LT (EP 3,910,947)	NL (EP 3,703,370)	PL (EP 3,716,621)
LU (EP 3,754,988)	NL (EP 3,703,371)	PL (EP 3,754,988)
LU (EP 3,833,024)	NL (EP 3,716,621)	PL (EP 3,833,022)
LU (EP 3,910,945)	NL (EP 3,754,988)	PL (EP 3,833,023)
LU (EP 3,910,947)	NL (EP 3,833,022)	PL (EP 3,833,024)

PL (EP 3,910,945)	RU 2,679,552	SI (EP 3,249,926)
PL (EP 3,910,947)	RU 2,682,368	SI (EP 3,503,554)
PT (EP 3,754,988)	RU 2,683,687	SI (EP 3,515,078)
PT (EP 3,833,024)	RU 2,687,218	SI (EP 3,515,079)
PT (EP 3,910,945)	RU 2,688,149	SI (EP 3,654,651)
PT (EP 3,910,947)	RU 2,689,377	SI (EP 3,697,090)
RO (EP 2,717,574)	RU 2,689,808	SI (EP 3,697,091)
RO (EP 2,838,260)	RU 2,693,316	SI (EP 3,697,092)
RO (EP 3,515,077)	RU 2,697,386	SI (EP 3,703,370)
RO (EP 3,515,078)	RU 2,697,806	SI (EP 3,703,371)
RO (EP 3,515,079)	RU 2,697,927	SI (EP 3,716,621)
RO (EP 3,654,651)	RU 2,699,388	SI (EP 3,754,988)
RO (EP 3,697,090)	RU 2,705,650	SI (EP 3,833,022)
RO (EP 3,697,091)	RU 2,707,411	SI (EP 3,833,023)
RO (EP 3,697,092)	RU 2,708,295	SI (EP 3,833,024)
RO (EP 3,703,370)	RU 2,708,359	SI (EP 3,910,945)
RO (EP 3,703,371)	RU 2,708,360	SI (EP 3,910,947)
RO (EP 3,716,621)	RU 2,708,506	SK (EP 2,717,574)
RO (EP 3,833,022)	RU 2,713,848	SK (EP 2,838,260)
RO (EP 3,833,023)	SE (EP 2,717,574)	SK (EP 2,838,261)
RU 2579665	SE (EP 2,793,467)	SK (EP 3,416,383)
RU 2582864	SE (EP 2,802,146)	SK (EP 3,416,384)
RU 2589297	SE (EP 2,838,260)	SK (EP 3,416,385)
RU 2,594,985	SE (EP 2,838,261)	SK (EP 3,419,289)
RU 2595891	SE (EP 2,981,087)	SK (EP 3,419,290)
RU 2598302	SE (EP 3,249,926)	SK (EP 3,422,714)
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RU 2617920	SE (EP 3,515,078)	SK (EP 3,515,073)
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**Korea Advanced Institute of
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 (KAIST) and Korean
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 (terminated January 2, 2020)**

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

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IT (EP 2,938,076)	JP 6,109,354	KR 1,773,990
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IT (EP 2,938,078)	JP 6,220,023	KR 1,799,846
IT (EP 2,938,079)	JP 6,229,023	KR 1,803,886
IT (EP 2,938,082)	JP 6,242,438	KR 1,809,187
IT (EP 2,942,965)	JP 6,242,517	KR 1,811,360
IT (EP 2,988,500)	JP 6,246,962	KR 1,812,122
IT (EP 2,996,334)	JP 6,271,697	KR 1,813,463
IT (EP 3,177,019)	JP 6,272,979	KR 1,817,272
IT (EP 3,232,666)	JP 6,310,992	KR 1,833,933
JP 5,575,910	JP 6,321,091	KR 1,835,460
JP 5,586,101	JP 6,397,555	KR 1,838,122
JP 5,625,124	JP 6,405,432	KR 1,838,123
JP 5,642,305	JP 6,408,681	KR 1,838,124
JP 5,661,114	JP 6,411,615	KR 1,839,466
JP 5,668,169	JP 6,426,648	KR 1,842,071
JP 5,687,341	JP 6,430,045	KR 1,848,228
JP 5,698,644	JP 6,467,030	KR 1,855,975
JP 5,698,767	JP 6,486,528	KR 1,869,830
JP 5,711,416	KR 1,513,956	KR 1,878,293
JP 5,711,417	KR 1,560,757	KR 1,915,079
JP 5,712,330	KR 1,572,462	KR 1,918,012
JP 5,715,291	KR 1,581,399	KR 1,923,527
JP 5,732,582	KR 1,600,919	KR 1,924,885
JP 5,736,083	KR 1,628,800	KR 1,927,281
JP 5,753,595	KR 1,640,872	KR 1,927,282
JP 5,774,753	KR 1,640,873	KR 1,927,283
JP 5,775,959	KR 1,648,443	KR 1,931,276
JP 5,779,270	KR 1,662,654	KR 1,934,051
JP 5,781,313	KR 1,662,655	KR 1,949,720
JP 5,798,539	KR 1,664,202	KR 1,952,726
JP 5,808,839	KR 1,665,490	LI (EP 2,549,758)
JP 5,859,691	KR 1,672,790	LI (EP 2,594,076)
JP 5,865,965	KR 1,686,519	LI (EP 2,656,507)
JP 5,885,604	KR 1,686,520	LI (EP 2,663,077)
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JP 5,922,281	KR 1,700,236	LI (EP 2,916,549)
JP 5,933,086	KR 1,708,732	LI (EP 2,934,008)
JP 5,951,063	KR 1,711,381	LI (EP 2,934,009)
JP 5,957,558	KR 1,717,965	LI (EP 2,938,078)
JP 5,960,316	KR 1,729,051	LI (EP 2,938,082)
JP 5,972,687	KR 1,745,928	LI (EP 2,942,965)
JP 5,977,852	KR 1,747,122	LI (EP 2,988,500)
JP 5,982,537	KR 1,747,195	LI (EP 2,996,334)
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JP 6,088,689	KR 1,764,235	MX 325,372

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MX 328,276	NO (EP 2,594,076)	PT (EP 2,942,965)
MX 330,228	NO (EP 2,656,507)	PT (EP 2,988,500)
MX 330,390	NO (EP 2,663,077)	PT (EP 2,996,334)
MX 330,730	NO (EP 2,899,982)	PT (EP 3,177,019)
MX 331,123	NO (EP 2,916,549)	PT (EP 3,232,666)
MX 335,139	NO (EP 2,934,008)	RO (EP 2,549,758)
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MX 336,539	NO (EP 2,938,078)	RO (EP 2,656,507)
MX 337,602	NO (EP 2,938,082)	RO (EP 2,663,077)
MX 337,791	NO (EP 2,942,965)	RO (EP 2,770,737)
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MX 344,987	PH 12014502553	RO (EP 2,938,079)
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MX 348,155	PL (EP 2,656,507)	RO (EP 2,988,500)
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SG 191,232	TR (EP 2,996,334)	US 9,693,052
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US 9,838,708	<u>REEF LLC (terminated February 10, 2026)</u>	AL (EP 2,905,962)
US 9,860,532		AL (EP 2,908,525)
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US 9,877,040	KR 1,947,657	AL (EP 2,911,399)
US 9,942,565	KR 1,947,658	AL (EP 2,911,400)
US 9,967,589	KR 2,005,468	AL (EP 2,911,401)
US 9,973,775		AL (EP 2,924,995)
US 9,986,261	<u>Samsung Electronics Co., Ltd. (terminated March 27, 2020)</u>	AL (EP 2,924,996)
US 10,015,509		AL (EP 2,940,996)
US 10,063,855		AL (EP 2,940,997)
US 10,063,888	AE 165/2013	AL (EP 2,940,999)
US 10,075,723	AE 1790	AL (EP 2,950,532)
US 10,075,724	AL (EP 2,443,833)	AL (EP 2,950,539)
US 10,104,392	AL (EP 2,452,493)	AL (EP 2,950,540)
US 10,104,393	AL (EP 2,452,494)	AL (EP 2,950,541)
US 10,110,918	AL (EP 2,489,186)	AL (EP 2,950,542)
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US 10,116,960	AL (EP 2,545,710)	AL (EP 2,953,356)
US 10,123,042	AL (EP 2545713)	AL (EP 2,955,917)
US 10,154,280	AL (EP 2,580,912)	AL (EP 2,955,918)
US 10,165,271	AL (EP 2,592,832)	AL (EP 2,986,003)
US 10,171,816	AL (EP 2,594,075)	AL (EP 2,986,004)
US 10,178,402	AL (EP 2,608,539)	AL (EP 2,986,005)
US 10,178,407	AL (EP 2,629,527)	AL (EP 2,996,337)
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US 10,257,533	AL (EP 2,665,268)	AL (EP 2,996,342)
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US 10,298,953	AL (EP 2,838,267)	AL (EP 3,104,616)
VN 15676	AL (EP 2,838,270)	AL (EP 3,104,617)
VN 16555	AL (EP 2,840,789)	AL (EP 3,136,728)
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VN 17351	AL (EP 2,858,366)	AL (EP 3,232,664)
VN 18336	AL (EP 2,860,980)	AL (EP 3,282,707)
	AL (EP 2,863,639)	AL (EP 3,300,371)
<u>NTT, Inc. (terminated January 2, 2020)</u>	AL (EP 2,869,563)	AT (EP 2,443,833)
	AL (EP 2,882,188)	AT (EP 2,452,493)
	AL (EP 2,884,749)	AT (EP 2,452,494)
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JP 4,987,085	AL (EP 2,890,123)	AT (EP 2,489,186)
KR 1,159,292	AL (EP 2,897,364)	AT (EP 2,510,698)
RU 2,479,940	AL (EP 2,897,365)	AT (EP 2,545,710)
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US 7,929,605	AL (EP 2,899,979)	AT (EP 2,580,912)
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CY (EP 2,665,268)	CY (EP 2,955,918)	CZ (EP 2804383)
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CY (EP 2,897,364)	CY (EP 3,300,371)	CZ (EP 2,903,279)
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DE (EP 2,608,539)	DE (EP 2,928,192)	DE (EP 3,416,292)

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DE (EP 3,439,307)	DK (EP 2,897,364)	DK (EP 3,249,611)
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DK (EP 2,640,076)	DK (EP 2,950,539)	DK (EP 3,462,737)
DK (EP 2665267)	DK (EP 2,950,540)	EE (EP 2,452,494)
DK (EP 2,665,268)	DK (EP 2,950,541)	EE (EP 2545713)
DK (EP 2,677,749)	DK (EP 2,950,542)	EE (EP 2,592,832)
DK (EP 2,677,752)	DK (EP 2,953,355)	EE (EP 2,629,528)
DK (EP 2,677,753)	DK (EP 2,953,356)	EE (EP 2,640,076)
DK (EP 2,712,198)	DK (EP 2,955,917)	EE (EP 2665267)
DK (EP 2712200)	DK (EP 2,955,918)	EE (EP 2,665,268)
DK (EP 2713617)	DK (EP 2,986,003)	EE (EP 2,712,198)
DK (EP 2,713,618)	DK (EP 2,986,004)	EE (EP 2712200)
DK (EP 2,728,866)	DK (EP 2,986,005)	EE (EP 2713617)
DK (EP 2,744,204)	DK (EP 2,996,337)	EE (EP 2,713,618)
DK (EP 2,773,109)	DK (EP 2,996,340)	EE (EP 2804383)
DK (EP 2804383)	DK (EP 2,996,341)	ES (EP 2,443,833)
DK (EP 2,811,745)	DK (EP 2,996,342)	ES (EP 2,452,493)
DK (EP 2,830,313)	DK (EP 2,999,224)	ES (EP 2,452,494)
DK (EP 2,838,267)	DK (EP 2,999,226)	ES (EP 2,471,266)
DK (EP 2,838,270)	DK (EP 2,999,227)	ES (EP 2,489,186)
DK (EP 2,840,789)	DK (EP 3,032,829)	ES (EP 2,510,698)
DK (EP 2,854,398)	DK (EP 3,059,708)	ES (EP 2,545,710)
DK (EP 2,858,366)	DK (EP 3,101,900)	ES (EP 2545713)
DK (EP 2,860,980)	DK (EP 3,101,901)	ES (EP 2,580,912)
DK (EP 2,863,639)	DK (EP 3,104,616)	ES (EP 2,592,832)
DK (EP 2,866,442)	DK (EP 3,104,617)	ES (EP 2,594,075)
DK (EP 2,869,563)	DK (EP 3,136,728)	ES (EP 2,608,539)
DK (EP 2,882,188)	DK (EP 3,136,729)	ES (EP 2,629,526)
DK (EP 2,884,749)	DK (EP 3,145,197)	ES (EP 2,629,527)
DK (EP 2,887,670)	DK (EP 3,166,317)	ES (EP 2,629,528)

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

FI (EP 2,903,274)	FR (EP 2,452,493)	FR (EP 2,903,274)
FI (EP 2,903,279)	FR (EP 2,452,494)	FR (EP 2,903,279)
FI (EP 2,905,962)	FR (EP 2,471,266)	FR (EP 2,905,962)
FI (EP 2,908,525)	FR (EP 2,489,186)	FR (EP 2,908,525)
FI (EP 2,911,398)	FR (EP 2,510,698)	FR (EP 2,911,398)
FI (EP 2,911,399)	FR (EP 2,545,710)	FR (EP 2,911,399)
FI (EP 2,911,400)	FR (EP 2,545,713)	FR (EP 2,911,400)
FI (EP 2,911,401)	FR (EP 2,580,912)	FR (EP 2,911,401)
FI (EP 2,924,995)	FR (EP 2,592,832)	FR (EP 2,924,995)
FI (EP 2,924,996)	FR (EP 2,594,075)	FR (EP 2,924,996)
FI (EP 2,928,192)	FR (EP 2,608,539)	FR (EP 2,928,192)
FI (EP 2,940,996)	FR (EP 2,629,526)	FR (EP 2,940,996)
FI (EP 2,940,997)	FR (EP 2,629,527)	FR (EP 2,940,997)
FI (EP 2,940,999)	FR (EP 2,629,528)	FR (EP 2,940,999)
FI (EP 2,950,532)	FR (EP 2,640,076)	FR (EP 2,950,532)
FI (EP 2,950,539)	FR (EP 2,665,267)	FR (EP 2,950,539)
FI (EP 2,950,540)	FR (EP 2,665,268)	FR (EP 2,950,540)
FI (EP 2,950,541)	FR (EP 2,677,749)	FR (EP 2,950,541)
FI (EP 2,950,542)	FR (EP 2,677,752)	FR (EP 2,950,542)
FI (EP 2,953,355)	FR (EP 2,677,753)	FR (EP 2,953,355)
FI (EP 2,953,356)	FR (EP 2,712,198)	FR (EP 2,953,356)
FI (EP 2,955,917)	FR (EP 2,712,199)	FR (EP 2,955,917)
FI (EP 2,955,918)	FR (EP 2,712,200)	FR (EP 2,955,918)
FI (EP 2,986,003)	FR (EP 2,713,617)	FR (EP 2,986,003)
FI (EP 2,986,004)	FR (EP 2,713,618)	FR (EP 2,986,004)
FI (EP 2,986,005)	FR (EP 2,728,866)	FR (EP 2,986,005)
FI (EP 2,996,337)	FR (EP 2,744,204)	FR (EP 2,986,006)
FI (EP 2,996,340)	FR (EP 2,773,109)	FR (EP 2,996,337)
FI (EP 2,996,341)	FR (EP 2,804,383)	FR (EP 2,996,340)
FI (EP 2,996,342)	FR (EP 2,811,745)	FR (EP 2,996,341)
FI (EP 2,999,224)	FR (EP 2,830,313)	FR (EP 2,996,342)
FI (EP 2,999,226)	FR (EP 2,838,267)	FR (EP 2,999,224)
FI (EP 2,999,227)	FR (EP 2,838,270)	FR (EP 2,999,226)
FI (EP 3,059,708)	FR (EP 2,840,789)	FR (EP 2,999,227)
FI (EP 3,101,900)	FR (EP 2,854,398)	FR (EP 3,032,829)
FI (EP 3,101,901)	FR (EP 2,858,366)	FR (EP 3,059,708)
FI (EP 3,104,616)	FR (EP 2,860,980)	FR (EP 3,101,900)
FI (EP 3,104,617)	FR (EP 2,863,639)	FR (EP 3,101,901)
FI (EP 3,136,728)	FR (EP 2,866,442)	FR (EP 3,104,616)
FI (EP 3,136,729)	FR (EP 2,869,563)	FR (EP 3,104,617)
FI (EP 3,145,197)	FR (EP 2,882,188)	FR (EP 3,136,728)
FI (EP 3,166,317)	FR (EP 2,884,749)	FR (EP 3,136,729)
FI (EP 3,232,664)	FR (EP 2,887,670)	FR (EP 3,145,197)
FI (EP 3,267,683)	FR (EP 2,890,123)	FR (EP 3,166,317)
FI (EP 3,280,145)	FR (EP 2,897,364)	FR (EP 3,232,664)
FI (EP 3,282,696)	FR (EP 2,897,365)	FR (EP 3,249,611)
FI (EP 3,282,705)	FR (EP 2,899,978)	FR (EP 3,267,683)
FI (EP 3,282,707)	FR (EP 2,899,979)	FR (EP 3,280,145)
FI (EP 3,300,371)	FR (EP 2,899,980)	FR (EP 3,282,696)
FI (EP 3,462,737)	FR (EP 2,899,981)	FR (EP 3,282,705)
FR (EP 2,443,833)	FR (EP 2,903,273)	FR (EP 3,282,707)

FR (EP 3,297,283)	GB (EP 2,838,270)	GB (EP 2,999,226)
FR (EP 3,297,284)	GB (EP 2,840,789)	GB (EP 2,999,227)
FR (EP 3,300,365)	GB (EP 2,854,398)	GB (EP 3,032,829)
FR (EP 3,300,371)	GB (EP 2,858,366)	GB (EP 3,059,708)
FR (EP 3,313,076)	GB (EP 2,860,980)	GB (EP 3,101,900)
FR (EP 3,322,183)	GB (EP 2,863,639)	GB (EP 3,101,901)
FR (EP 3,361,732)	GB (EP 2,866,442)	GB (EP 3,104,616)
FR (EP 3,361,733)	GB (EP 2,869,563)	GB (EP 3,104,617)
FR (EP 3,361,734)	GB (EP 2,882,188)	GB (EP 3,136,728)
FR (EP 3,361,735)	GB (EP 2,884,749)	GB (EP 3,136,729)
FR (EP 3,416,292)	GB (EP 2,887,670)	GB (EP 3,145,197)
FR (EP 3,435,675)	GB (EP 2,890,123)	GB (EP 3,166,317)
FR (EP 3,439,307)	GB (EP 2,897,364)	GB (EP 3,232,664)
FR (EP 3,448,025)	GB (EP 2,897,365)	GB (EP 3,249,611)
FR (EP 3,448,030)	GB (EP 2,899,978)	GB (EP 3,267,683)
FR (EP 3,448,039)	GB (EP 2,899,979)	GB (EP 3,280,145)
FR (EP 3,454,561)	GB (EP 2,899,980)	GB (EP 3,282,696)
FR (EP 3,461,130)	GB (EP 2,899,981)	GB (EP 3,282,705)
GB (EP 2,443,833)	GB (EP 2,903,273)	GB (EP 3,282,707)
GB (EP 2,452,493)	GB (EP 2,903,274)	GB (EP 3,297,283)
GB (EP 2,452,494)	GB (EP 2,903,279)	GB (EP 3,297,284)
GB (EP 2,471,266)	GB (EP 2,905,962)	GB (EP 3,300,365)
GB (EP 2,489,186)	GB (EP 2,908,525)	GB (EP 3,300,371)
GB (EP 2,510,698)	GB (EP 2,911,398)	GB (EP 3,313,076)
GB (EP 2,545,710)	GB (EP 2,911,399)	GB (EP 3,322,183)
GB (EP 2545713)	GB (EP 2,911,400)	GB (EP 3,361,732)
GB (EP 2,580,912)	GB (EP 2,911,401)	GB (EP 3,361,733)
GB (EP 2,592,832)	GB (EP 2,924,995)	GB (EP 3,361,734)
GB (EP 2,594,075)	GB (EP 2,924,996)	GB (EP 3,361,735)
GB (EP 2,608,539)	GB (EP 2,928,192)	GB (EP 3,416,292)
GB (EP 2,629,526)	GB (EP 2,940,996)	GB (EP 3,435,675)
GB (EP 2,629,527)	GB (EP 2,940,997)	GB (EP 3,439,307)
GB (EP 2,629,528)	GB (EP 2,940,999)	GB (EP 3,448,025)
GB (EP 2,640,076)	GB (EP 2,950,532)	GB (EP 3,448,030)
GB (EP 2665267)	GB (EP 2,950,539)	GB (EP 3,448,039)
GB (EP 2,665,268)	GB (EP 2,950,540)	GB (EP 3,454,561)
GB (EP 2,677,749)	GB (EP 2,950,541)	GB (EP 3,461,130)
GB (EP 2,677,752)	GB (EP 2,950,542)	GB (EP 3,462,737)
GB (EP 2,677,753)	GB (EP 2,953,355)	GR (EP 2,443,833)
GB (EP 2,712,198)	GB (EP 2,953,356)	GR (EP 2,452,493)
GB (EP 2,712,199)	GB (EP 2,955,917)	GR (EP 2,452,494)
GB (EP 2712200)	GB (EP 2,955,918)	GR (EP 2,471,266)
GB (EP 2713617)	GB (EP 2,986,003)	GR (EP 2,489,186)
GB (EP 2,713,618)	GB (EP 2,986,004)	GR (EP 2,510,698)
GB (EP 2,728,866)	GB (EP 2,986,005)	GR (EP 2,545,710)
GB (EP 2,744,204)	GB (EP 2,986,006)	GR (EP 2545713)
GB (EP 2,773,109)	GB (EP 2,996,337)	GR (EP 2,580,912)
GB (EP 2804383)	GB (EP 2,996,340)	GR (EP 2,592,832)
GB (EP 2,811,745)	GB (EP 2,996,341)	GR (EP 2,594,075)
GB (EP 2,830,313)	GB (EP 2,996,342)	GR (EP 2,608,539)
GB (EP 2,838,267)	GB (EP 2,999,224)	GR (EP 2,629,526)

GR (EP 2,629,527)	GR (EP 2,950,541)	HR (EP 2,665,268)
GR (EP 2,629,528)	GR (EP 2,950,542)	HR (EP 2,677,749)
GR (EP 2,640,076)	GR (EP 2,953,355)	HR (EP 2,712,198)
GR (EP 2665267)	GR (EP 2,953,356)	HR (EP 2712200)
GR (EP 2,665,268)	GR (EP 2,955,917)	HR (EP 2713617)
GR (EP 2,677,749)	GR (EP 2,955,918)	HR (EP 2,713,618)
GR (EP 2,712,198)	GR (EP 2,986,003)	HR (EP 2,728,866)
GR (EP 2712200)	GR (EP 2,986,004)	HR (EP 2,744,204)
GR (EP 2713617)	GR (EP 2,986,005)	HR (EP 2,773,109)
GR (EP 2,713,618)	GR (EP 2,996,337)	HR (EP 2804383)
GR (EP 2,728,866)	GR (EP 2,996,340)	HR (EP 2,811,745)
GR (EP 2,744,204)	GR (EP 2,996,341)	HR (EP 2,838,267)
GR (EP 2,773,109)	GR (EP 2,996,342)	HR (EP 2,838,270)
GR (EP 2804383)	GR (EP 2,999,224)	HR (EP 2,840,789)
GR (EP 2,811,745)	GR (EP 2,999,226)	HR (EP 2,854,398)
GR (EP 2,838,267)	GR (EP 2,999,227)	HR (EP 2,858,366)
GR (EP 2,838,270)	GR (EP 3,059,708)	HR (EP 2,860,980)
GR (EP 2,840,789)	GR (EP 3,101,900)	HR (EP 2,863,639)
GR (EP 2,854,398)	GR (EP 3,101,901)	HR (EP 2,866,442)
GR (EP 2,858,366)	GR (EP 3,104,616)	HR (EP 2,869,563)
GR (EP 2,860,980)	GR (EP 3,104,617)	HR (EP 2,882,188)
GR (EP 2,863,639)	GR (EP 3,136,728)	HR (EP 2,884,749)
GR (EP 2,866,442)	GR (EP 3,136,729)	HR (EP 2,887,670)
GR (EP 2,869,563)	GR (EP 3,145,197)	HR (EP 2,890,123)
GR (EP 2,884,749)	GR (EP 3,166,317)	HR (EP 2,897,364)
GR (EP 2,887,670)	GR (EP 3,232,664)	HR (EP 2,897,365)
GR (EP 2,890,123)	GR (EP 3,267,683)	HR (EP 2,899,978)
GR (EP 2,897,364)	GR (EP 3,280,145)	HR (EP 2,899,979)
GR (EP 2,897,365)	GR (EP 3,282,696)	HR (EP 2,899,980)
GR (EP 2,899,978)	GR (EP 3,282,705)	HR (EP 2,899,981)
GR (EP 2,899,979)	GR (EP 3,282,707)	HR (EP 2,903,273)
GR (EP 2,899,980)	GR (EP 3,300,371)	HR (EP 2,903,274)
GR (EP 2,899,981)	HK 1209542	HR (EP 2,903,279)
GR (EP 2,903,273)	HK 1,209,547	HR (EP 2,905,962)
GR (EP 2,903,274)	HR (EP 2,443,833)	HR (EP 2,908,525)
GR (EP 2,903,279)	HR (EP 2,452,493)	HR (EP 2,911,398)
GR (EP 2,905,962)	HR (EP 2,452,494)	HR (EP 2,911,399)
GR (EP 2,908,525)	HR (EP 2,471,266)	HR (EP 2,911,400)
GR (EP 2,911,398)	HR (EP 2,489,186)	HR (EP 2,911,401)
GR (EP 2,911,399)	HR (EP 2,510,698)	HR (EP 2,924,995)
GR (EP 2,911,400)	HR (EP 2,545,710)	HR (EP 2,924,996)
GR (EP 2,911,401)	HR (EP 2545713)	HR (EP 2,928,192)
GR (EP 2,924,995)	HR (EP 2,580,912)	HR (EP 2,940,996)
GR (EP 2,924,996)	HR (EP 2,592,832)	HR (EP 2,940,997)
GR (EP 2,928,192)	HR (EP 2,594,075)	HR (EP 2,940,999)
GR (EP 2,940,996)	HR (EP 2,608,539)	HR (EP 2,950,532)
GR (EP 2,940,997)	HR (EP 2,629,526)	HR (EP 2,950,539)
GR (EP 2,940,999)	HR (EP 2,629,527)	HR (EP 2,950,540)
GR (EP 2,950,532)	HR (EP 2,629,528)	HR (EP 2,950,541)
GR (EP 2,950,539)	HR (EP 2,640,076)	HR (EP 2,950,542)
GR (EP 2,950,540)	HR (EP 2665267)	HR (EP 2,953,355)

HR (EP 2,953,356)	HU (EP 2712200)	HU (EP 2,955,918)
HR (EP 2,955,917)	HU (EP 2713617)	HU (EP 2,986,003)
HR (EP 2,955,918)	HU (EP 2,713,618)	HU (EP 2,986,004)
HR (EP 2,986,003)	HU (EP 2,728,866)	HU (EP 2,986,005)
HR (EP 2,986,004)	HU (EP 2,744,204)	HU (EP 2,986,006)
HR (EP 2,986,005)	HU (EP 2,773,109)	HU (EP 2,996,337)
HR (EP 2,996,337)	HU (EP 2804383)	HU (EP 2,996,340)
HR (EP 2,996,340)	HU (EP 2,811,745)	HU (EP 2,996,341)
HR (EP 2,996,341)	HU (EP 2,830,313)	HU (EP 2,996,342)
HR (EP 2,996,342)	HU (EP 2,838,267)	HU (EP 2,999,224)
HR (EP 2,999,224)	HU (EP 2,838,270)	HU (EP 2,999,226)
HR (EP 2,999,226)	HU (EP 2,840,789)	HU (EP 2,999,227)
HR (EP 2,999,227)	HU (EP 2,854,398)	HU (EP 3,032,829)
HR (EP 3,059,708)	HU (EP 2,858,366)	HU (EP 3,059,708)
HR (EP 3,101,900)	HU (EP 2,860,980)	HU (EP 3,101,900)
HR (EP 3,101,901)	HU (EP 2,863,639)	HU (EP 3,101,901)
HR (EP 3,104,616)	HU (EP 2,866,442)	HU (EP 3,104,616)
HR (EP 3,104,617)	HU (EP 2,869,563)	HU (EP 3,104,617)
HR (EP 3,136,728)	HU (EP 2,882,188)	HU (EP 3,136,728)
HR (EP 3,136,729)	HU (EP 2,884,749)	HU (EP 3,136,729)
HR (EP 3,145,197)	HU (EP 2,887,670)	HU (EP 3,145,197)
HR (EP 3,166,317)	HU (EP 2,890,123)	HU (EP 3,166,317)
HR (EP 3,232,664)	HU (EP 2,897,364)	HU (EP 3,232,664)
HR (EP 3,267,683)	HU (EP 2,897,365)	HU (EP 3,249,611)
HR (EP 3,280,145)	HU (EP 2,899,978)	HU (EP 3,267,683)
HR (EP 3,282,696)	HU (EP 2,899,979)	HU (EP 3,280,145)
HR (EP 3,282,705)	HU (EP 2,899,980)	HU (EP 3,282,696)
HR (EP 3,282,707)	HU (EP 2,899,981)	HU (EP 3,282,705)
HR (EP 3,300,371)	HU (EP 2,903,273)	HU (EP 3,282,707)
HU (EP 2,443,833)	HU (EP 2,903,274)	HU (EP 3,297,283)
HU (EP 2,452,493)	HU (EP 2,903,279)	HU (EP 3,297,284)
HU (EP 2,452,494)	HU (EP 2,905,962)	HU (EP 3,300,365)
HU (EP 2,471,266)	HU (EP 2,908,525)	HU (EP 3,300,371)
HU (EP 2,489,186)	HU (EP 2,911,398)	HU (EP 3,313,076)
HU (EP 2,510,698)	HU (EP 2,911,399)	HU (EP 3,322,183)
HU (EP 2,545,710)	HU (EP 2,911,400)	HU (EP 3,361,732)
HU (EP 2545713)	HU (EP 2,911,401)	HU (EP 3,361,733)
HU (EP 2,580,912)	HU (EP 2,924,995)	HU (EP 3,361,734)
HU (EP 2,592,832)	HU (EP 2,924,996)	HU (EP 3,361,735)
HU (EP 2,594,075)	HU (EP 2,928,192)	HU (EP 3,416,292)
HU (EP 2,608,539)	HU (EP 2,940,996)	HU (EP 3,435,675)
HU (EP 2,629,526)	HU (EP 2,940,997)	HU (EP 3,439,307)
HU (EP 2,629,527)	HU (EP 2,940,999)	HU (EP 3,448,025)
HU (EP 2,629,528)	HU (EP 2,950,532)	HU (EP 3,448,030)
HU (EP 2,640,076)	HU (EP 2,950,539)	HU (EP 3,448,039)
HU (EP 2665267)	HU (EP 2,950,540)	HU (EP 3,454,561)
HU (EP 2,665,268)	HU (EP 2,950,541)	HU (EP 3,461,130)
HU (EP 2,677,749)	HU (EP 2,950,542)	HU (EP 3,462,737)
HU (EP 2,677,752)	HU (EP 2,953,355)	ID P000036480
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HU (EP 2,712,198)	HU (EP 2,955,917)	ID P000039760

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ID P000046655	ID P000056768	ID W-00201301922
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ID P000046921	ID P000057966	ID W-00201302753
ID P000047004	ID P000058774	ID W-00201303994
ID P000047117	ID P000060408	ID P-00201400487
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ID P000047138	ID P000060692	ID P-00201404397
ID P000047412	ID P000061122	ID P-00201500449
ID P000047783	ID P000061592	ID P00201503944
ID P000047920	ID P000061599	IE (EP 2,443,833)
ID P000048331	ID P000061902	IE (EP 2,452,493)
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ID P000048655	ID P000062139	IE (EP 2,489,186)
ID P000049194	ID P000062811	IE (EP 2,510,698)
ID P000049322	ID P000062813	IE (EP 2,545,710)
ID P000049369	ID P000063063	IE (EP 2545713)
ID P000050156	ID P000063255	IE (EP 2,580,912)
ID P000050354	ID P000063475	IE (EP 2,592,832)
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ID P000050454	ID P000063688	IE (EP 2,608,539)
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ID P000051686	ID P000064042	IE (EP 2,640,076)
ID P000052017	ID P000064089	IE (EP 2665267)
ID P000052111	ID P000064433	IE (EP 2,665,268)
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ID P000052381	ID P000065212	IE (EP 2,677,752)
ID P000053015	ID P000065994	IE (EP 2,712,198)
ID P000053016	ID P000066686	IE (EP 2712200)
ID P000053017	ID P000066965	IE (EP 2713617)
ID P000053118	ID P000067118	IE (EP 2,713,618)
ID P000053195	ID P000067781	IE (EP 2,728,866)
ID P000053300	ID P000067925	IE (EP 2,744,204)
ID P000053386	ID P000068147	IE (EP 2,773,109)
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ID P000053659	ID W-00201200066	IE (EP 2,811,745)
ID P000053784	ID W00201200067	IE (EP 2,830,313)
ID P000054082	ID W-00201200954	IE (EP 2,838,267)
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ID P000054260	ID W-00201204524	IE (EP 2,858,366)
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ID P000054691	ID W-00201300539	IE (EP 2,866,442)
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IE (EP 2,884,749)	IE (EP 3,145,197)	IS (EP 2,713,618)
IE (EP 2,887,670)	IE (EP 3,166,317)	IS (EP 2804383)
IE (EP 2,890,123)	IE (EP 3,232,664)	IS (EP 2,999,227)
IE (EP 2,897,364)	IE (EP 3,249,611)	IT (EP 2,443,833)
IE (EP 2,897,365)	IE (EP 3,267,683)	IT (EP 2,452,493)
IE (EP 2,899,978)	IE (EP 3,280,145)	IT (EP 2,452,494)
IE (EP 2,899,979)	IE (EP 3,282,696)	IT (EP 2,471,266)
IE (EP 2,899,980)	IE (EP 3,282,705)	IT (EP 2,489,186)
IE (EP 2,899,981)	IE (EP 3,282,707)	IT (EP 2,510,698)
IE (EP 2,903,273)	IE (EP 3,297,283)	IT (EP 2,545,710)
IE (EP 2,903,274)	IE (EP 3,297,284)	IT (EP 2545713)
IE (EP 2,903,279)	IE (EP 3,300,371)	IT (EP 2,580,912)
IE (EP 2,905,962)	IE (EP 3,361,733)	IT (EP 2,592,832)
IE (EP 2,908,525)	IE (EP 3,361,734)	IT (EP 2,594,075)
IE (EP 2,911,398)	IE (EP 3,435,675)	IT (EP 2,608,539)
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IE (EP 2,911,400)	IL 224737	IT (EP 2,629,527)
IE (EP 2,911,401)	IL 239751	IT (EP 2,629,528)
IE (EP 2,924,995)	IL 243,289	IT (EP 2,640,076)
IE (EP 2,924,996)	IL 243290	IT (EP 2665267)
IE (EP 2,928,192)	IL 243291	IT (EP 2,665,268)
IE (EP 2,940,996)	IL 243,292	IT (EP 2,677,749)
IE (EP 2,940,997)	IL 244,567	IT (EP 2,677,752)
IE (EP 2,940,999)	IL 244,570	IT (EP 2,677,753)
IE (EP 2,950,532)	IL 248556	IT (EP 2,712,198)
IE (EP 2,950,539)	IL 248558	IT (EP 2712200)
IE (EP 2,950,540)	IL 248559	IT (EP 2713617)
IE (EP 2,950,541)	IN 303972	IT (EP 2,713,618)
IE (EP 2,950,542)	IN 308,002	IT (EP 2,728,866)
IE (EP 2,953,355)	IN 308,280	IT (EP 2,744,204)
IE (EP 2,953,356)	IN 312,484	IT (EP 2,773,109)
IE (EP 2,955,917)	IN 312,534	IT (EP 2804383)
IE (EP 2,955,918)	IN 314458	IT (EP 2,811,745)
IE (EP 2,986,003)	IN 314492	IT (EP 2,830,313)
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IE (EP 2,986,005)	IN 325104	IT (EP 2,838,270)
IE (EP 2,986,006)	IN 325214	IT (EP 2,840,789)
IE (EP 2,996,337)	IN 326883	IT (EP 2,854,398)
IE (EP 2,996,340)	IN 330627	IT (EP 2,858,366)
IE (EP 2,996,341)	IN 332161	IT (EP 2,860,980)
IE (EP 2,996,342)	IN 333005	IT (EP 2,863,639)
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IE (EP 3,059,708)	IS (EP 2,629,528)	IT (EP 2,884,749)
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IE (EP 3,104,616)	IS (EP 2,665,268)	IT (EP 2,897,364)
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IT (EP 2,950,539)	IT (EP 3,448,039)	KR 873,636
IT (EP 2,950,540)	IT (EP 3,454,561)	KR 1,452,713
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IT (EP 2,950,542)	IT (EP 3,462,737)	KR 1,452,860
IT (EP 2,953,355)	JP 5,571,827	KR 1,454,642
IT (EP 2,953,356)	JP 5,620,554	KR 1,454,664
IT (EP 2,955,917)	JP 5,620,555	KR 1,456,498
IT (EP 2,955,918)	JP 5,620,587	KR 1,456,499
IT (EP 2,986,003)	JP 5,624,178	KR 1,456,500
IT (EP 2,986,004)	JP 5,624,179	KR 1,457,396
IT (EP 2,986,005)	JP 5,632,515	KR 1,457,397
IT (EP 2,986,006)	JP 5,632,516	KR 1,457,398
IT (EP 2,996,337)	JP 5,639,687	KR 1,457,399
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IT (EP 3,032,829)	JP 5,711,247	KR 1,477,545
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IT (EP 3,136,729)	JP 5,739,571	KR 1,493,698
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IT (EP 3,166,317)	JP 5,746,170	KR 1,495,724
IT (EP 3,232,664)	JP 5,753,327	KR 1,495,725
IT (EP 3,249,611)	JP 5,753,328	KR 1,503,269
IT (EP 3,267,683)	JP 5,756,106	KR 1,503,270

KR 1,507,811	LI (EP 2545713)	LI (EP 2,924,995)
KR 1,510,108	LI (EP 2,580,912)	LI (EP 2,924,996)
KR 1,519,818	LI (EP 2,592,832)	LI (EP 2,928,192)
KR 1,522,850	LI (EP 2,594,075)	LI (EP 2,940,996)
KR 1,524,643	LI (EP 2,608,539)	LI (EP 2,940,997)
KR 1,529,992	LI (EP 2,629,526)	LI (EP 2,940,999)
KR 1,529,993	LI (EP 2,629,527)	LI (EP 2,950,532)
KR 1,529,994	LI (EP 2,629,528)	LI (EP 2,950,539)
KR 1,530,284	LI (EP 2,640,076)	LI (EP 2,950,540)
KR 1,530,285	LI (EP 2665267)	LI (EP 2,950,541)
KR 1,531,170	LI (EP 2,665,268)	LI (EP 2,950,542)
KR 1,539,235	LI (EP 2,677,749)	LI (EP 2,953,355)
KR 1,552,909	LI (EP 2,677,752)	LI (EP 2,953,356)
KR 1,564,423	LI (EP 2,712,198)	LI (EP 2,955,917)
KR 1,575,004	LI (EP 2712200)	LI (EP 2,955,918)
KR 1,575,005	LI (EP 2713617)	LI (EP 2,986,003)
KR 1,575,006	LI (EP 2,713,618)	LI (EP 2,986,004)
KR 1,598,142	LI (EP 2,728,866)	LI (EP 2,986,005)
KR 1,602,873	LI (EP 2,744,204)	LI (EP 2,986,006)
KR 1,604,032	LI (EP 2,773,109)	LI (EP 2,996,337)
KR 1,607,613	LI (EP 2804383)	LI (EP 2,996,340)
KR 1,624,649	LI (EP 2,811,745)	LI (EP 2,996,341)
KR 1,624,659	LI (EP 2,830,313)	LI (EP 2,996,342)
KR 1,644,539	LI (EP 2,838,267)	LI (EP 2,999,224)
KR 1,645,295	LI (EP 2,838,270)	LI (EP 2,999,226)
KR 1,650,545	LI (EP 2,840,789)	LI (EP 2,999,227)
KR 1,678,572	LI (EP 2,854,398)	LI (EP 3,032,829)
KR 1,683,177	LI (EP 2,858,366)	LI (EP 3,059,708)
KR 1,703,327	LI (EP 2,860,980)	LI (EP 3,101,900)
KR 1,733,794	LI (EP 2,863,639)	LI (EP 3,101,901)
KR 1,733,795	LI (EP 2,866,442)	LI (EP 3,104,616)
KR 1,743,245	LI (EP 2,869,563)	LI (EP 3,104,617)
KR 1,752,763	LI (EP 2,882,188)	LI (EP 3,136,728)
KR 1,768,207	LI (EP 2,884,749)	LI (EP 3,136,729)
KR 1,820,845	LI (EP 2,887,670)	LI (EP 3,145,197)
KR 1,821,703	LI (EP 2,890,123)	LI (EP 3,166,317)
KR 1,830,885	LI (EP 2,897,364)	LI (EP 3,232,664)
KR 1,882,950	LI (EP 2,897,365)	LI (EP 3,249,611)
KR 1,917,656	LI (EP 2,899,978)	LI (EP 3,267,683)
KR 1,943,991	LI (EP 2,899,979)	LI (EP 3,280,145)
KR 1,974,139	LI (EP 2,899,980)	LI (EP 3,282,696)
KR 1,982,819	LI (EP 2,899,981)	LI (EP 3,282,705)
KR 2,028,127	LI (EP 2,903,273)	LI (EP 3,282,707)
KR 2,085,183	LI (EP 2,903,274)	LI (EP 3,297,283)
LI (EP 2,443,833)	LI (EP 2,903,279)	LI (EP 3,297,284)
LI (EP 2,452,493)	LI (EP 2,905,962)	LI (EP 3,300,371)
LI (EP 2,452,494)	LI (EP 2,908,525)	LI (EP 3,361,733)
LI (EP 2,471,266)	LI (EP 2,911,398)	LI (EP 3,361,734)
LI (EP 2,489,186)	LI (EP 2,911,399)	LI (EP 3,435,675)
LI (EP 2,510,698)	LI (EP 2,911,400)	LK 17013
LI (EP 2,545,710)	LI (EP 2,911,401)	LT (EP 2,443,833)

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

LU (EP 2,924,996)	LV (EP 2,608,539)	LV (EP 2,950,540)
LU (EP 2,928,192)	LV (EP 2,629,526)	LV (EP 2,950,541)
LU (EP 2,940,996)	LV (EP 2,629,527)	LV (EP 2,950,542)
LU (EP 2,940,997)	LV (EP 2,629,528)	LV (EP 2,953,355)
LU (EP 2,940,999)	LV (EP 2,640,076)	LV (EP 2,953,356)
LU (EP 2,950,532)	LV (EP 2665267)	LV (EP 2,955,917)
LU (EP 2,950,539)	LV (EP 2,665,268)	LV (EP 2,955,918)
LU (EP 2,950,540)	LV (EP 2,677,749)	LV (EP 2,986,003)
LU (EP 2,950,541)	LV (EP 2,712,198)	LV (EP 2,986,004)
LU (EP 2,950,542)	LV (EP 2712200)	LV (EP 2,986,005)
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LU (EP 2,953,356)	LV (EP 2,713,618)	LV (EP 2,996,340)
LU (EP 2,955,917)	LV (EP 2,744,204)	LV (EP 2,996,341)
LU (EP 2,955,918)	LV (EP 2,773,109)	LV (EP 2,996,342)
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LU (EP 2,986,005)	LV (EP 2,838,267)	LV (EP 2,999,227)
LU (EP 2,996,337)	LV (EP 2,838,270)	LV (EP 3,059,708)
LU (EP 2,996,340)	LV (EP 2,840,789)	LV (EP 3,101,900)
LU (EP 2,996,341)	LV (EP 2,854,398)	LV (EP 3,101,901)
LU (EP 2,996,342)	LV (EP 2,858,366)	LV (EP 3,104,616)
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LU (EP 2,999,227)	LV (EP 2,866,442)	LV (EP 3,136,729)
LU (EP 3,059,708)	LV (EP 2,869,563)	LV (EP 3,145,197)
LU (EP 3,101,900)	LV (EP 2,882,188)	LV (EP 3,166,317)
LU (EP 3,101,901)	LV (EP 2,884,749)	LV (EP 3,232,664)
LU (EP 3,104,616)	LV (EP 2,887,670)	LV (EP 3,267,683)
LU (EP 3,104,617)	LV (EP 2,890,123)	LV (EP 3,280,145)
LU (EP 3,136,728)	LV (EP 2,897,364)	LV (EP 3,282,696)
LU (EP 3,136,729)	LV (EP 2,897,365)	LV (EP 3,282,705)
LU (EP 3,145,197)	LV (EP 2,899,978)	LV (EP 3,282,707)
LU (EP 3,166,317)	LV (EP 2,899,979)	LV (EP 3,300,371)
LU (EP 3,232,664)	LV (EP 2,899,980)	MC (EP 2,452,494)
LU (EP 3,267,683)	LV (EP 2,899,981)	MC (EP 2545713)
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LU (EP 3,282,696)	LV (EP 2,903,274)	MC (EP 2,629,528)
LU (EP 3,282,705)	LV (EP 2,903,279)	MC (EP 2,640,076)
LU (EP 3,282,707)	LV (EP 2,905,962)	MC (EP 2665267)
LU (EP 3,300,371)	LV (EP 2,908,525)	MC (EP 2,665,268)
LV (EP 2,443,833)	LV (EP 2,911,398)	MC (EP 2,712,198)
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LV (EP 2,452,494)	LV (EP 2,911,400)	MC (EP 2713617)
LV (EP 2,471,266)	LV (EP 2,911,401)	MC (EP 2,713,618)
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MX 326,317	MX 336648	MY 160838-A
MX 326536	MX 336649	MY 163448-A
MX 326542	MX 336650	MY 163803-A
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MX 327425	MX 336,877	MY 163989-A
MX 327686	MX 337,142	MY 164252-A
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MX 328193	MX 337,144	MY 164324-A
MX 328501	MX 337,230	MY 164871-A
MX 328689	MX 337,232	MY 165170A
MX 329311	MX 337,235	MY 165372-A
MX 329314	MX 337403	MY 165375-A
MX 330592	MX 337921	MY 165376-A
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MX 331152	MX 339,849	MY 165858-A
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MX 332084	MX 342394	MY 166149-A
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MX 332,577	MX 344091	MY 166893-A
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MX 333,206	MX 358773	MY 170156A
MX 333,207	MX 364043	MY 171306-A
MX 334,249	MY 173540-A	MY 171636-A
MX 334250	MY 153787A	MY 172478-A
MX 334,251	MY-153844-A	MY 172652-A
MX 334296	MY 154147A	MY 172727-A
MX 334,592	MY-154665-A	MY 172871-A
MX 334877	MY-154795-A	MY 172917A
MX 335,118	MY 155120-A	MY 173195A
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MX 335,159	MY-155175-A	MY 173534-A

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MY PI2013004676	NL (EP 2,899,978)	NL (EP 3,267,683)
MY PI2016001179	NL (EP 2,899,979)	NL (EP 3,280,145)
MY PI2016001180	NL (EP 2,899,980)	NL (EP 3,282,696)
MY PI2016001181	NL (EP 2,899,981)	NL (EP 3,282,705)
MY PI2016001182	NL (EP 2,903,273)	NL (EP 3,282,707)
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NL (EP 2,452,493)	NL (EP 2,903,279)	NL (EP 3,297,284)
NL (EP 2,452,494)	NL (EP 2,905,962)	NL (EP 3,300,365)
NL (EP 2,471,266)	NL (EP 2,908,525)	NL (EP 3,300,371)
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NL (EP 2,510,698)	NL (EP 2,911,399)	NL (EP 3,322,183)
NL (EP 2,545,710)	NL (EP 2,911,400)	NL (EP 3,361,732)
NL (EP 2545713)	NL (EP 2,911,401)	NL (EP 3,361,733)
NL (EP 2,580,912)	NL (EP 2,924,995)	NL (EP 3,361,734)
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NL (EP 2,594,075)	NL (EP 2,928,192)	NL (EP 3,416,292)
NL (EP 2,608,539)	NL (EP 2,940,996)	NL (EP 3,435,675)
NL (EP 2,629,526)	NL (EP 2,940,997)	NL (EP 3,439,307)
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NL (EP 2,640,076)	NL (EP 2,950,539)	NL (EP 3,448,039)
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NL (EP 2,665,268)	NL (EP 2,950,541)	NL (EP 3,461,130)
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NL (EP 2,677,753)	NL (EP 2,953,356)	NO (EP 2,452,493)
NL (EP 2,712,198)	NL (EP 2,955,917)	NO (EP 2,452,494)
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NL (EP 2,713,618)	NL (EP 2,986,004)	NO (EP 2,510,698)
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NL (EP 2,858,366)	NL (EP 3,059,708)	NO (EP 2665267)
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NL (EP 2,863,639)	NL (EP 3,101,901)	NO (EP 2,677,749)
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PL (EP 2,866,442)	PL (EP 3,104,616)	PT (EP 2,712,198)
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PL (EP 2,890,123)	PL (EP 3,166,317)	PT (EP 2,744,204)
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PL (EP 2,897,365)	PL (EP 3,249,611)	PT (EP 2804383)

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

RO (EP 3,101,901)	RS (EP 2,899,979)	RU 2514929
RO (EP 3,104,616)	RS (EP 2,899,980)	RU 2515226
RO (EP 3,104,617)	RS (EP 2,899,981)	RU 2516444
RO (EP 3,136,728)	RS (EP 2,903,273)	RU 2517193
RO (EP 3,136,729)	RS (EP 2,903,274)	RU 2517253
RO (EP 3,145,197)	RS (EP 2,903,279)	RU 2517293
RO (EP 3,166,317)	RS (EP 2,905,962)	RU 2517404
RO (EP 3,232,664)	RS (EP 2,908,525)	RU 2518635
RO (EP 3,267,683)	RS (EP 2,924,995)	RU 2,518,718
RO (EP 3,280,145)	RS (EP 2,924,996)	RU 2519280
RO (EP 3,282,696)	RS (EP 2,940,996)	RU 2,523,126
RO (EP 3,282,705)	RS (EP 2,940,997)	RU 2526861
RO (EP 3,282,707)	RS (EP 2,940,999)	RU 2528132
RO (EP 3,300,365)	RS (EP 2,950,532)	RU 2530252
RO (EP 3,300,371)	RS (EP 2,953,355)	RU 2530341
RO (EP 3,313,076)	RS (EP 2,953,356)	RU 2540842
RO (EP 3,322,183)	RS (EP 2,955,917)	RU 2542884
RO (EP 3,361,732)	RS (EP 2,955,918)	RU 2543519
RO (EP 3,361,735)	RS (EP 2,986,003)	RU 2546619
RO (EP 3,416,292)	RS (EP 2,986,004)	RU 2547707
RO (EP 3,439,307)	RS (EP 2,986,005)	RU 2551794
RO (EP 3,448,039)	RS (EP 2,996,337)	RU 2554555
RO (EP 3,454,561)	RS (EP 2,996,340)	RU 2555236
RO (EP 3,461,130)	RS (EP 2,996,341)	RU 2559737
RS (EP 2,471,266)	RS (EP 2,996,342)	RU 2559738
RS (EP 2,489,186)	RS (EP 2,999,224)	RU 2559740
RS (EP 2,510,698)	RS (EP 2,999,226)	RU 2559743
RS (EP 2,545,710)	RS (EP 2,999,227)	RU 2559751
RS (EP 2545713)	RS (EP 3,059,708)	RU 2559753
RS (EP 2,580,912)	RS (EP 3,101,900)	RU 2559757
RS (EP 2,592,832)	RS (EP 3,101,901)	RU 2559758
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RS (EP 2,629,527)	RS (EP 3,136,728)	RU 2566956
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RS (EP 2,728,866)	RS (EP 3,145,197)	RU 2566973
RS (EP 2,744,204)	RS (EP 3,166,317)	RU 2569807
RS (EP 2,773,109)	RS (EP 3,232,664)	RU 2569808
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RS (EP 2,840,789)	RS (EP 3,300,371)	RU 2575983
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RS (EP 2,858,366)	RU 2493669	RU 2577182
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RS (EP 2,869,563)	RU 2509436	RU 2579989
RS (EP 2,884,749)	RU 2510945	RU 2580057
RS (EP 2,887,670)	RU 2513707	RU 2580472
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RU 2586035	RU 2,614,544	SE (EP 2,773,109)
RU 2586321	RU 2,618,511	SE (EP 2804383)
RU 2589382	RU 2619706	SE (EP 2,811,745)
RU 2594291	RU 2,620,718	SE (EP 2,838,267)
RU 2595262	RU 2,621,008	SE (EP 2,838,270)
RU 2,595,576	RU 2,624,578	SE (EP 2,840,789)
RU 2595578	RU 2,627,033	SE (EP 2,854,398)
RU 2,595,596	RU 2,627,036	SE (EP 2,858,366)
RU 2,595,602	RU 2,627,294	SE (EP 2,860,980)
RU 2,595,607	RU 2,628,123	SE (EP 2,863,639)
RU 2,595,609	RU 2,632,139	SE (EP 2,866,442)
RU 2,595,610	RU 2,632,409	SE (EP 2,869,563)
RU 2,595,756	RU 2,635,877	SE (EP 2,882,188)
RU 2,595,946	RU 2,635,893	SE (EP 2,884,749)
RU 2,595,947	RU 2,636,100	SE (EP 2,887,670)
RU 2,595,949	RU 2,636,672	SE (EP 2,890,123)
RU 2,595,950	RU 2,637,881	SE (EP 2,897,364)
RU 2,597,484	RU 2,638,742	SE (EP 2,897,365)
RU 2597494	RU 2,639,691	SE (EP 2,899,978)
RU 2,597,521	RU 2,639,946	SE (EP 2,899,979)
RU 2,600,534	RU 2,640,719	SE (EP 2,899,980)
RU 2601180	RU 2,642,387	SE (EP 2,899,981)
RU 2,602,383	RU 2,643,497	SE (EP 2,903,273)
RU 2,602,784	RU 2,652,505	SE (EP 2,903,274)
RU 2,603,539	RU 2,660,640	SE (EP 2,903,279)
RU 2,603,541	RU 2,701,844	SE (EP 2,905,962)
RU 2,603,543	SE (EP 2,443,833)	SE (EP 2,908,525)
RU 2,604,997	SE (EP 2,452,493)	SE (EP 2,911,398)
RU 2,605,362	SE (EP 2,452,494)	SE (EP 2,911,399)
RU 2,605,915	SE (EP 2,471,266)	SE (EP 2,911,400)
RU 2,607,233	SE (EP 2,489,186)	SE (EP 2,911,401)
RU 2,607,247	SE (EP 2,510,698)	SE (EP 2,924,995)
RU 2,607,249	SE (EP 2,545,710)	SE (EP 2,924,996)
RU 2,607,250	SE (EP 2545713)	SE (EP 2,928,192)
RU 2,607,254	SE (EP 2,580,912)	SE (EP 2,940,996)
RU 2,607,255	SE (EP 2,592,832)	SE (EP 2,940,997)
RU 2,607,256	SE (EP 2,594,075)	SE (EP 2,940,999)
RU 2,607,257	SE (EP 2,608,539)	SE (EP 2,950,532)
RU 2,608,263	SE (EP 2,629,526)	SE (EP 2,950,539)
RU 2,608,264	SE (EP 2,629,527)	SE (EP 2,950,540)
RU 2,608,353	SE (EP 2,629,528)	SE (EP 2,950,541)
RU 2,608,465	SE (EP 2,640,076)	SE (EP 2,950,542)
RU 2,608,877	SE (EP 2665267)	SE (EP 2,953,355)
RU 2,609,077	SE (EP 2,665,268)	SE (EP 2,953,356)
RU 2,609,749	SE (EP 2,677,749)	SE (EP 2,955,917)
RU 2,609,750	SE (EP 2,712,198)	SE (EP 2,955,918)
RU 2,612,611	SE (EP 2712200)	SE (EP 2,986,003)
RU 2,612,612	SE (EP 2713617)	SE (EP 2,986,004)
RU 2,612,613	SE (EP 2,713,618)	SE (EP 2,986,005)
RU 2,612,614	SE (EP 2,728,866)	SE (EP 2,986,006)
RU 2,612,624	SE (EP 2,744,204)	SE (EP 2,996,337)

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SE (EP 2,996,341)	SG 10201505817Y	SI (EP 2,887,670)
SE (EP 2,996,342)	SG 10201505819X	SI (EP 2,890,123)
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SE (EP 2,999,226)	SG 10201510803W	SI (EP 2,897,365)
SE (EP 2,999,227)	SG 10201605379R	SI (EP 2,899,978)
SE (EP 3,059,708)	SG 10201701381R	SI (EP 2,899,979)
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SE (EP 3,104,617)	SG 11201403069S	SI (EP 2,903,274)
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SE (EP 3,166,317)	SI (EP 2,452,493)	SI (EP 2,911,398)
SE (EP 3,232,664)	SI (EP 2,452,494)	SI (EP 2,911,399)
SE (EP 3,267,683)	SI (EP 2,471,266)	SI (EP 2,911,400)
SE (EP 3,280,145)	SI (EP 2,489,186)	SI (EP 2,911,401)
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SE (EP 3,282,705)	SI (EP 2,545,710)	SI (EP 2,924,996)
SE (EP 3,282,707)	SI (EP 2545713)	SI (EP 2,928,192)
SE (EP 3,300,371)	SI (EP 2,580,912)	SI (EP 2,940,996)
SE (EP 3,313,076)	SI (EP 2,592,832)	SI (EP 2,940,997)
SE (EP 3,435,675)	SI (EP 2,594,075)	SI (EP 2,940,999)
SG 182491	SI (EP 2,608,539)	SI (EP 2,950,532)
SG 186970	SI (EP 2,629,526)	SI (EP 2,950,539)
SG 186978	SI (EP 2,629,527)	SI (EP 2,950,540)
SG 186996	SI (EP 2,629,528)	SI (EP 2,950,541)
SG 187055	SI (EP 2,640,076)	SI (EP 2,950,542)
SG 187860	SI (EP 2665267)	SI (EP 2,953,355)
SG 192511	SI (EP 2,665,268)	SI (EP 2,953,356)
SG 192512	SI (EP 2,677,749)	SI (EP 2,955,917)
SG 195591	SI (EP 2,712,198)	SI (EP 2,955,918)
SG 195593	SI (EP 2712200)	SI (EP 2,986,003)
SG 195964	SI (EP 2713617)	SI (EP 2,986,004)
SG 195967	SI (EP 2,713,618)	SI (EP 2,986,005)
SG 196007	SI (EP 2,728,866)	SI (EP 2,996,337)
SG 196797	SI (EP 2,744,204)	SI (EP 2,996,340)
SG 10201500920V	SI (EP 2,773,109)	SI (EP 2,996,341)
SG 10201500923S	SI (EP 2804383)	SI (EP 2,996,342)
SG 10201502731V	SI (EP 2,811,745)	SI (EP 2,999,224)
SG 10201502735P	SI (EP 2,838,267)	SI (EP 2,999,226)
SG 10201502738X	SI (EP 2,838,270)	SI (EP 2,999,227)
SG 10201502739Q	SI (EP 2,840,789)	SI (EP 3,059,708)
SG 10201503379S	SI (EP 2,854,398)	SI (EP 3,101,900)
SG 10201503381W	SI (EP 2,858,366)	SI (EP 3,101,901)
SG 10201503383P	SI (EP 2,860,980)	SI (EP 3,104,616)
SG 10201503487V	SI (EP 2,863,639)	SI (EP 3,104,617)
SG 10201503492W	SI (EP 2,866,442)	SI (EP 3,136,728)
SG 10201503685R	SI (EP 2,869,563)	SI (EP 3,136,729)
SG 10201503690Q	SI (EP 2,882,188)	SI (EP 3,145,197)

SI (EP 3,166,317)	SK (EP 2,890,123)	SK (EP 3,166,317)
SI (EP 3,232,664)	SK (EP 2,897,364)	SK (EP 3,232,664)
SI (EP 3,267,683)	SK (EP 2,897,365)	SK (EP 3,249,611)
SI (EP 3,280,145)	SK (EP 2,899,978)	SK (EP 3,267,683)
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SI (EP 3,282,705)	SK (EP 2,899,980)	SK (EP 3,282,696)
SI (EP 3,282,707)	SK (EP 2,899,981)	SK (EP 3,282,705)
SI (EP 3,300,371)	SK (EP 2,903,273)	SK (EP 3,282,707)
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SK (EP 2,452,493)	SK (EP 2,903,279)	SK (EP 3,297,284)
SK (EP 2,452,494)	SK (EP 2,905,962)	SK (EP 3,300,365)
SK (EP 2,471,266)	SK (EP 2,908,525)	SK (EP 3,300,371)
SK (EP 2,489,186)	SK (EP 2,911,398)	SK (EP 3,313,076)
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SK (EP 2,592,832)	SK (EP 2,924,996)	SK (EP 3,361,735)
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SK (EP 2712200)	SK (EP 2,955,918)	SM (EP 2,629,528)
SK (EP 2713617)	SK (EP 2,986,003)	SM (EP 2,640,076)
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SK (EP 2,773,109)	SK (EP 2,996,337)	SM (EP 2712200)
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SK (EP 2,838,270)	SK (EP 2,999,226)	TR (EP 2,452,493)
SK (EP 2,840,789)	SK (EP 2,999,227)	TR (EP 2,452,494)
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SK (EP 2,860,980)	SK (EP 3,101,900)	TR (EP 2,510,698)
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SK (EP 2,887,670)	SK (EP 3,145,197)	TR (EP 2,608,539)

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TR (EP 2,897,364)	TR (EP 3,267,683)	TW I558169
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TR (EP 2,911,398)	TR (EP 3,416,292)	US 8,472,734
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US 8,811,479	US 9,083,987	US 9,313,503
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US 8,817,877	US 9,113,110	US 9,313,507
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US 8,831,097	US 9,118,915	US 9,313,520
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US 8,842,734	US 9,124,887	US 9,319,689
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US 8,842,922	US 9,124,893	US 9,332,273
US 8,842,926	US 9,124,894	US 9,350,997
US 8,842,927	US 9,124,902	US 9,351,000
US 8,861,608	US 9,124,903	US 9,351,015
US 8,861,609	US 9,131,231	US 9,351,017
US 8,879,626	US 9,131,232	US 9,369,715
US 8,885,723	US 9,131,237	US 9,369,736
US 8,885,724	US 9,137,534	US 9,374,579
US 8,885,725	US 9,137,543	US 9,386,323
US 8,885,727	US 9,148,665	US 9,386,325
US 8,885,958	US 9,179,167	US 9,390,470
US 8,885,959	US 9,204,160	US 9,392,285
US 8,891,618	US 9,204,162	US 9,407,916
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US 8,995,529	US 9,277,239	US 9,438,933
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US 9,544,603	US 9,807,405	US 10,218,998
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US 9,628,812	US 9,936,197	VN 1-2012-01954
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	CN 201610804059.5	IT (EP 2,993,904)
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	CN 201610811348.8	KR 1,279,573
	CN 201610811363.2	KR 1,302,660
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KR 1,316,710	KR 1,575,616	KR 1,997,599
KR 1,334,587	KR 1,575,634	KR 1,997,604
KR 1,341,993	KR 1,575,635	NL (EP 2,485,490)
KR 1,361,005	KR 1,575,636	NL (EP 2,571,269)
KR 1,364,195	KR 1,575,638	NL (EP 2,597,875)
KR 1,369,174	KR 1,575,645	NL (EP 2,991,353)
KR 1,377,527	KR 1,582,493	NL (EP 2,993,904)
KR 1,377,660	KR 1,582,495	NL (EP 3,119,091)
KR 1,441,905	KR 1,582,501	NL (EP 3,128,755)
KR 1,445,835	KR 1,582,504	PL (EP 2,485,490)
KR 1,453,750	KR 1,590,493	PL (EP 2,571,269)
KR 1,458,471	KR 1,590,511	PL (EP 2,597,875)
KR 1,459,714	KR 1,608,885	PL (EP 2,991,353)
KR 1,464,944	KR 1,608,888	PL (EP 2,993,904)
KR 1,464,949	KR 1,608,895	PL (EP 3,119,091)
KR 1,479,129	KR 1,635,830	PL (EP 3,128,755)
KR 1,479,141	KR 1,648,058	RO (EP 2,485,490)
KR 1,479,525	KR 1,648,065	RO (EP 2,571,269)
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KR 1483495	KR 1,648,077	RO (EP 2,991,353)
KR 1483688	KR 1,648,910	RO (EP 2,993,904)
KR 1487436	KR 1,663,764	RO (EP 3,119,091)
KR 1494322	KR 1,671,460	RO (EP 3,128,755)
KR 1,524,664	KR 1,673,028	SE (EP 2,571,269)
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KR 1,533,434	KR 1,681,303	SK (EP 2,597,875)
KR 1,533,435	KR 1,698,499	TR (EP 2,485,490)
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KR 1,534,014	KR 1,699,832	TR (EP 2,597,875)
KR 1,534,033	KR 1,702,551	TR (EP 2,991,353)
KR 1,534,048	KR 1,702,553	TR (EP 2,993,904)
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KR 1,537,767	KR 1,750,495	TR (EP 3,128,755)
KR 1,543,304	KR 1,763,111	US 8,711,935
KR 1,543,309	KR 1,768,865	US 8,811,487
KR 1,543,310	KR 1,791,078	US 8,818,114
KR 1,543,313	KR 1,791,242	US 8,885,711
KR 1,543,314	KR 1,813,189	US 8,971,656
KR 1,543,319	KR 1,826,353	US 8,976,862
KR 1,543,323	KR 1,830,352	US 8,976,863
KR 1,544,379	KR 1,834,541	US 9,070,179
KR 1,544,390	KR 1,868,290	US 9,094,690
KR 1,557,374	KR 1,874,840	US 9,118,921
KR 1,567,961	KR 1,934,277	US 9,137,532
KR 1,567,963	KR 1,934,278	US 9,137,545
KR 1,567,964	KR 1,939,699	US 9,137,546
KR 1,567,982	KR 1,943,049	US 9,148,660
KR 1,567,986	KR 1,943,058	US 9,154,809
KR 1,567,990	KR 1,943,425	US 9,215,461

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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

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Addendum of Patents of Terminated VVC Licensors

The following listed patents were contributed to the VVC 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 VVC Patent Portfolio patents (including those listed below) that the Licensor or its Affiliates had the right to license or sublicense prior to the date of such Licensor's termination.

September 22, 2026

**Addendum of Patents of Terminated VVC
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