



Alpha Digitech, Inc.

KR 1,226,498

Apple Inc.

AU 2014216004
AU 2014281169
AU 2016200770
AU 2017265177
AU 2018203223
AU 2020202363
AU 2021203738
AU 2021245204
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US 10,986,341
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**ARRIS Enterprises, LLC, a
CommScope Company**

US 10,341,685

**British Broadcasting
Corporation**

BE (EP 2,652,954)
CN 201280009609.4
CN 201610353915X
DE (EP 2,652,954)
ES (EP 2,652,954)
FR (EP 2,652,954)
GB (EP 2,652,954)
ID P000049587
IN 385364

IT (EP 2,652,954)
JP 6,063,935
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KR 1,622,450
NG/C/2013/840
NL (EP 2,652,954)
PL (EP 2,652,954)
PT (EP 2,652,954)
SE (EP 2,652,954)
TR (EP 2,652,954)
TW I516095
US 8,923,406
US 9,877,025

Canon Inc.

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IN 442357	IT (EP 3,972,248)	JP 6,686,095
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IN 442372	IT (EP 3,979,643)	JP 6,743,225
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IN 451250	JP 5,847,844	JP 6,766,195
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KR 1,530,244	KR 2,052,292	NL (EP 2,684,362)
KR 1,530,832	KR 2,068,431	NL (EP 2,684,368)
KR 1,598,822	KR 2,068,432	NL (EP 2,745,515)
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KR 1,672,607	KR 2,083,280	NL (EP 2,777,255)
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NO (EP 3,972,249)	RO (EP 3,070,944)	SE (EP 3,253,060)
NO (EP 3,979,643)	RO (EP 3,099,070)	SE (EP 3,288,264)
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Digital Insights Inc.

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Fujitsu Limited

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EE (EP 2,752,006)	ES (EP 3,829,175)	GB (EP 2,773,117)
EE (EP 2,773,117)	ES (EP 3,829,176)	GB (EP 2,773,118)
EE (EP 2,773,118)	FI (EP 2,752,004)	GB (EP 2,774,120)
EE (EP 2,774,120)	FI (EP 2,752,005)	GB (EP 2,774,122)
EE (EP 2,774,122)	FI (EP 2,752,006)	GB (EP 2,774,374)
EE (EP 2,774,374)	FI (EP 2,773,117)	GB (EP 2,786,577)
EE (EP 2,786,577)	FI (EP 2,773,118)	GB (EP 2,916,545)
EE (EP 2,942,954)	FI (EP 2,774,120)	GB (EP 2,941,004)
EE (EP 2,950,535)	FI (EP 2,774,122)	GB (EP 2,942,954)
EE (EP 3,402,200)	FI (EP 2,774,374)	GB (EP 2,942,956)
EE (EP 3,402,201)	FI (EP 2,786,577)	GB (EP 2,945,376)
EE (EP 3,402,202)	FI (EP 2,950,535)	GB (EP 2,945,380)
EE (EP 3,448,034)	FR (EP 2,752,004)	GB (EP 2,945,381)
EE (EP 3,829,172)	FR (EP 2,752,005)	GB (EP 2,950,535)
EE (EP 3,829,174)	FR (EP 2,752,006)	GB (EP 3,343,915)
EE (EP 3,829,175)	FR (EP 2,773,117)	GB (EP 3,346,447)
EE (EP 3,829,176)	FR (EP 2,773,118)	GB (EP 3,402,191)
ES (EP 2,752,004)	FR (EP 2,774,120)	GB (EP 3,402,199)
ES (EP 2,752,005)	FR (EP 2,774,122)	GB (EP 3,402,200)
ES (EP 2,752,006)	FR (EP 2,774,374)	GB (EP 3,402,201)
ES (EP 2,773,117)	FR (EP 2,786,577)	GB (EP 3,402,202)
ES (EP 2,773,118)	FR (EP 2,916,545)	GB (EP 3,448,033)
ES (EP 2,774,120)	FR (EP 2,941,004)	GB (EP 3,448,034)
ES (EP 2,774,122)	FR (EP 2,942,954)	GB (EP 3,579,554)
ES (EP 2,774,374)	FR (EP 2,942,956)	GB (EP 3,579,555)
ES (EP 2,786,577)	FR (EP 2,945,376)	GB (EP 3,579,556)
ES (EP 2,916,545)	FR (EP 2,945,380)	GB (EP 3,829,172)
ES (EP 2,941,004)	FR (EP 2,945,381)	GB (EP 3,829,174)
ES (EP 2,942,954)	FR (EP 2,950,535)	GB (EP 3,829,175)
ES (EP 2,942,956)	FR (EP 3,343,915)	GB (EP 3,829,176)
ES (EP 2,945,376)	FR (EP 3,346,447)	GR (EP 2,752,004)
ES (EP 2,945,380)	FR (EP 3,402,191)	GR (EP 2,752,005)
ES (EP 2,945,381)	FR (EP 3,402,199)	GR (EP 2,752,006)
ES (EP 2,950,535)	FR (EP 3,402,200)	GR (EP 2,773,117)
ES (EP 3,343,915)	FR (EP 3,402,201)	GR (EP 2,773,118)
ES (EP 3,346,447)	FR (EP 3,402,202)	GR (EP 2,774,120)
ES (EP 3,402,191)	FR (EP 3,448,033)	GR (EP 2,774,122)
ES (EP 3,402,199)	FR (EP 3,448,034)	GR (EP 2,774,374)
ES (EP 3,402,200)	FR (EP 3,579,554)	GR (EP 2,786,577)

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GR (EP 2,950,535)	HU (EP 2,774,374)	IE (EP 2,752,004)
GR (EP 3,402,200)	HU (EP 2,786,577)	IE (EP 2,752,005)
GR (EP 3,402,201)	HU (EP 2,916,545)	IE (EP 2,752,006)
GR (EP 3,402,202)	HU (EP 2,941,004)	IE (EP 2,773,117)
GR (EP 3,448,034)	HU (EP 2,942,954)	IE (EP 2,773,118)
GR (EP 3,829,172)	HU (EP 2,942,956)	IE (EP 2,774,120)
GR (EP 3,829,174)	HU (EP 2,945,376)	IE (EP 2,774,122)
GR (EP 3,829,175)	HU (EP 2,945,380)	IE (EP 2,774,374)
GR (EP 3,829,176)	HU (EP 2,945,381)	IE (EP 2,786,577)
HK 1,214,054	HU (EP 2,950,535)	IE (EP 2,950,535)
HK 1,214,055	HU (EP 3,343,915)	IL 231705
HK 1,214,056	HU (EP 3,346,447)	IL 231706
HK 1,214,057	HU (EP 3,402,191)	IL 231707
HK 1,214,441	HU (EP 3,402,199)	IL 231,708
HK 1,214,445	HU (EP 3,402,200)	IL 239725
HK 1,214,700	HU (EP 3,402,201)	IL 239,726
HK 1,214,702	HU (EP 3,402,202)	IL 239,727
HK 1,214,704	HU (EP 3,448,033)	IL 239,728
HK 1,214,705	HU (EP 3,448,034)	IL 247673
HK 1,214,899	HU (EP 3,579,554)	IL 247,674
HK 1,214,900	HU (EP 3,579,555)	IL 247675
HK 1,214,901	HU (EP 3,579,556)	IL 247,676
HK 1,215,634	HU (EP 3,829,172)	IL 250,027
HK 1,215,635	HU (EP 3,829,174)	IL 250,029
HK 1,215,636	HU (EP 3,829,175)	IL 250,030
HK 1,215,637	HU (EP 3,829,176)	IL 250,031
HK 1,215,638	ID P000045439	IL 252379
HK 1,215,639	ID P000047390	IL 259,929
HK 1,215,640	ID P000048231	IL 265035
HK 1,215,641	ID P000048707	IL 276270
HR (EP 2,752,004)	ID P000060942	IN 311428
HR (EP 2,752,005)	ID P000061900	IN 342,493
HR (EP 2,752,006)	ID P000063927	IN 353377
HR (EP 2,773,117)	ID P000063928	IN 360004
HR (EP 2,773,118)	ID P000063948	IN 366166
HR (EP 2,774,120)	ID P000066406	IN 366888
HR (EP 2,774,122)	ID P000066566	IN 368779
HR (EP 2,774,374)	ID P000069125	IN 372062
HR (EP 2,786,577)	ID P000071599	IN 376764
HR (EP 2,942,954)	ID P000071600	IN 378567
HR (EP 2,950,535)	ID P000075435	IN 394296
HU (EP 2,752,004)	ID P000075436	IN 398813
HU (EP 2,752,005)	ID P000075881	IN 408802
HU (EP 2,752,006)	ID P000077878	IN 411919
HU (EP 2,773,117)	ID P000077883	IN 416497
HU (EP 2,773,118)	ID P000077889	IN 419043
HU (EP 2,774,120)	ID P000078301	IN 422987

IN 430269	IT (EP 3,829,176)	JP 6,076,438
IN 430557	JP 5,611,498	JP 6,081,553
IN 430783	JP 5,714,781	JP 6,093,815
IN 436945	JP 5,722,506	JP 6,101,316
IN 437024	JP 5,728,671	JP 6,101,752
IN 447585	JP 5,731,078	JP 6,101,753
IS (EP 2,752,004)	JP 5,750,579	JP 6,101,754
IS (EP 2,752,005)	JP 5,789,057	JP 6,101,755
IS (EP 2,752,006)	JP 5,789,343	JP 6,101,774
IS (EP 2,773,117)	JP 5,792,396	JP 6,114,362
IS (EP 2,773,118)	JP 5,823,628	JP 6,116,625
IS (EP 2,774,120)	JP 5,827,412	JP 6,116,626
IS (EP 2,774,122)	JP 5,828,967	JP 6,118,374
IS (EP 2,774,374)	JP 5,830,175	JP 6,138,883
IS (EP 2,786,577)	JP 5,832,660	JP 6,138,884
IS (EP 2,950,535)	JP 5,841,264	JP 6,138,885
IT (EP 2,752,004)	JP 5,846,666	JP 6,140,237
IT (EP 2,752,005)	JP 5,846,674	JP 6,157,676
IT (EP 2,752,006)	JP 5,846,675	JP 6,267,373
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IT (EP 2,773,118)	JP 5,905,613	JP 6,285,484
IT (EP 2,774,120)	JP 5,914,680	JP 6,285,485
IT (EP 2,774,122)	JP 5,923,618	JP 6,285,486
IT (EP 2,774,374)	JP 5,989,838	JP 6,285,487
IT (EP 2,786,577)	JP 5,989,839	JP 6,302,577
IT (EP 2,916,545)	JP 5,989,840	JP 6,335,984
IT (EP 2,941,004)	JP 5,989,841	JP 6,360,947
IT (EP 2,942,954)	JP 5,990,299	JP 6,419,230
IT (EP 2,942,956)	JP 5,990,300	JP 6,469,265
IT (EP 2,945,376)	JP 6,005,790	JP 6,505,763
IT (EP 2,945,380)	JP 6,005,791	JP 6,553,769
IT (EP 2,945,381)	JP 6,005,792	JP 6,607,417
IT (EP 2,950,535)	JP 6,006,394	JP 6,636,573
IT (EP 3,343,915)	JP 6,006,395	JP 6,648,315
IT (EP 3,346,447)	JP 6,006,763	JP 6,660,074
IT (EP 3,402,191)	JP 6,023,842	JP 6,680,925
IT (EP 3,402,199)	JP 6,026,600	JP 6,685,208
IT (EP 3,402,200)	JP 6,026,601	JP 6,711,944
IT (EP 3,402,201)	JP 6,026,602	JP 6,906,070
IT (EP 3,402,202)	JP 6,047,614	JP 6,932,177
IT (EP 3,448,033)	JP 6,047,615	JP 6,974,516
IT (EP 3,448,034)	JP 6,047,616	JP 6,995,910
IT (EP 3,579,554)	JP 6,073,442	JP 7,192,044
IT (EP 3,579,555)	JP 6,073,444	JP 7,192,045
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IT (EP 3,829,172)	JP 6,074,475	KR 1,452,195
IT (EP 3,829,174)	JP 6,074,476	KR 1,472,971
IT (EP 3,829,175)	JP 6,074,477	LI (EP 2,752,004)



LI (EP 2,752,006)	LU (EP 2,950,535)	MX 336,815
LI (EP 2,773,118)	LU (EP 3,402,200)	MX 336,816
LI (EP 2,774,120)	LU (EP 3,402,201)	MX 338,748
LI (EP 2,774,122)	LU (EP 3,402,202)	MX 338,988
LI (EP 2,774,374)	LU (EP 3,448,034)	MX 338,989
LI (EP 2,786,577)	LU (EP 3,829,172)	MX 338,990
LI (EP 2,916,545)	LU (EP 3,829,174)	MX 339,135
LI (EP 2,941,004)	LU (EP 3,829,175)	MX 339,983
LI (EP 2,942,954)	LU (EP 3,829,176)	MX 339,984
LI (EP 2,942,956)	LV (EP 2,752,004)	MX 340,366
LI (EP 2,945,376)	LV (EP 2,752,005)	MX 340,367
LI (EP 2,945,380)	LV (EP 2,752,006)	MX 340,368
LI (EP 2,945,381)	LV (EP 2,773,117)	MX 340,474
LI (EP 2,950,535)	LV (EP 2,773,118)	MX 340,475
LI (EP 3,343,915)	LV (EP 2,774,120)	MX 340,476
LI (EP 3,346,447)	LV (EP 2,774,122)	MX 340,477
LI (EP 3,402,199)	LV (EP 2,774,374)	MX 340,478
LI (EP 3,402,200)	LV (EP 2,786,577)	MX 340,479
LI (EP 3,402,201)	LV (EP 2,950,535)	MX 340,480
LI (EP 3,402,202)	MK (EP 2,752,004)	MX 340,481
LI (EP 3,448,033)	MK (EP 2,752,005)	MX 340,887
LI (EP 3,448,034)	MK (EP 2,752,006)	MX 340,888
LI (EP 3,579,554)	MK (EP 2,773,117)	MX 340,889
LI (EP 3,579,555)	MK (EP 2,773,118)	MX 340,890
LI (EP 3,579,556)	MK (EP 2,774,120)	MX 345,037
LI (EP 3,829,172)	MK (EP 2,774,122)	MX 345,047
LI (EP 3,829,174)	MK (EP 2,774,374)	MX 347,162
LI (EP 3,829,175)	MK (EP 2,786,577)	MX 347,163
LI (EP 3,829,176)	MK (EP 2,950,535)	MX 350,187
LT (EP 2,752,004)	MO J/002674	MX 350,557
LT (EP 2,752,005)	MX 330,908	MX 350,560
LT (EP 2,752,006)	MX 332,102	MX 356,330
LT (EP 2,773,117)	MX 332,440	MX 356,738
LT (EP 2,773,118)	MX 333,762	MX 356875
LT (EP 2,774,120)	MX 334,082	MX 363,194
LT (EP 2,774,122)	MX 334,414	MX 363,195
LT (EP 2,774,374)	MX 334,421	MX 378476
LT (EP 2,786,577)	MX 334,422	MX 384,187
LT (EP 2,950,535)	MX 334,423	MX 403184
LU (EP 2,752,004)	MX 334,866	MY 166250
LU (EP 2,752,005)	MX 334,868	MY 167772
LU (EP 2,752,006)	MX 335,479	MY 169632
LU (EP 2,773,117)	MX 335,743	MY 170,819
LU (EP 2,773,118)	MX 335,744	MY 190514
LU (EP 2,774,120)	MX 335,745	MY 190515
LU (EP 2,774,122)	MX 335,746	MY 190516
LU (EP 2,774,374)	MX 335,900	MY 190529
LU (EP 2,786,577)	MX 336,814	MY 190530

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MY 192963	NO (EP 2,774,122)	PL (EP 3,402,191)
MY 192964	NO (EP 2,774,374)	PL (EP 3,402,199)
MY 192965	NO (EP 2,786,577)	PL (EP 3,402,200)
MY 192966	NO (EP 2,942,954)	PL (EP 3,402,201)
MY 195621	NO (EP 2,950,535)	PL (EP 3,402,202)
MY 195624	NO (EP 3,402,200)	PL (EP 3,448,033)
MY 195625	NO (EP 3,402,201)	PL (EP 3,448,034)
MY 195661	NO (EP 3,402,202)	PL (EP 3,579,554)
MY 199142	NO (EP 3,448,034)	PL (EP 3,579,555)
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NL (EP 2,752,005)	NO (EP 3,829,174)	PL (EP 3,829,172)
NL (EP 2,752,006)	NO (EP 3,829,175)	PL (EP 3,829,174)
NL (EP 2,773,117)	NO (EP 3,829,176)	PL (EP 3,829,175)
NL (EP 2,773,118)	PH 1-2014-500959	PL (EP 3,829,176)
NL (EP 2,774,120)	PH 1-2014-500960	PT (EP 2,752,004)
NL (EP 2,774,122)	PH 1-2014-500962	PT (EP 2,752,005)
NL (EP 2,774,374)	PH 1-2015-500839	PT (EP 2,752,006)
NL (EP 2,786,577)	PH 1-2015-500841	PT (EP 2,773,117)
NL (EP 2,916,545)	PH 1-2015-500843	PT (EP 2,773,118)
NL (EP 2,941,004)	PH 1-2015-500844	PT (EP 2,774,120)
NL (EP 2,942,954)	PH 1-2016-502082	PT (EP 2,774,122)
NL (EP 2,942,956)	PH 1-2016-502083	PT (EP 2,774,374)
NL (EP 2,945,376)	PH 1-2016-502084	PT (EP 2,786,577)
NL (EP 2,945,380)	PH 1-2016-502085	PT (EP 2,942,954)
NL (EP 2,945,381)	PH 1-2016-502086	PT (EP 2,950,535)
NL (EP 2,950,535)	PH 1-2016-502087	PT (EP 3,402,200)
NL (EP 3,343,915)	PH 1-2016-502088	PT (EP 3,402,201)
NL (EP 3,346,447)	PH 1-2016-502089	PT (EP 3,402,202)
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NL (EP 3,402,199)	PL (EP 2,752,004)	PT (EP 3,829,172)
NL (EP 3,402,200)	PL (EP 2,752,005)	PT (EP 3,829,174)
NL (EP 3,402,201)	PL (EP 2,752,006)	PT (EP 3,829,175)
NL (EP 3,402,202)	PL (EP 2,773,117)	PT (EP 3,829,176)
NL (EP 3,448,033)	PL (EP 2,773,118)	RO (EP 2,752,004)
NL (EP 3,448,034)	PL (EP 2,774,120)	RO (EP 2,752,005)
NL (EP 3,579,554)	PL (EP 2,774,122)	RO (EP 2,752,006)
NL (EP 3,579,555)	PL (EP 2,774,374)	RO (EP 2,773,117)
NL (EP 3,579,556)	PL (EP 2,786,577)	RO (EP 2,773,118)
NL (EP 3,829,172)	PL (EP 2,916,545)	RO (EP 2,774,120)
NL (EP 3,829,174)	PL (EP 2,941,004)	RO (EP 2,774,122)
NL (EP 3,829,175)	PL (EP 2,942,954)	RO (EP 2,774,374)
NL (EP 3,829,176)	PL (EP 2,942,956)	RO (EP 2,786,577)
NO (EP 2,752,004)	PL (EP 2,945,376)	RO (EP 2,916,545)
NO (EP 2,752,005)	PL (EP 2,945,380)	RO (EP 2,941,004)
NO (EP 2,752,006)	PL (EP 2,945,381)	RO (EP 2,942,954)
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RO (EP 3,402,199)	SE (EP 2,773,118)	SI (EP 2,752,005)
RO (EP 3,402,200)	SE (EP 2,774,120)	SI (EP 2,752,006)
RO (EP 3,402,201)	SE (EP 2,774,122)	SI (EP 2,773,117)
RO (EP 3,402,202)	SE (EP 2,774,374)	SI (EP 2,773,118)
RO (EP 3,448,033)	SE (EP 2,786,577)	SI (EP 2,774,120)
RO (EP 3,448,034)	SE (EP 2,916,545)	SI (EP 2,774,122)
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RO (EP 3,579,555)	SE (EP 2,942,954)	SI (EP 2,786,577)
RO (EP 3,579,556)	SE (EP 2,942,956)	SI (EP 2,950,535)
RO (EP 3,829,172)	SE (EP 2,945,376)	SK (EP 2,752,004)
RO (EP 3,829,174)	SE (EP 2,945,380)	SK (EP 2,752,005)
RO (EP 3,829,175)	SE (EP 2,945,381)	SK (EP 2,752,006)
RO (EP 3,829,176)	SE (EP 2,950,535)	SK (EP 2,773,117)
RS (EP 2,752,004)	SE (EP 3,343,915)	SK (EP 2,773,118)
RS (EP 2,752,005)	SE (EP 3,346,447)	SK (EP 2,774,120)
RS (EP 2,752,006)	SE (EP 3,402,191)	SK (EP 2,774,122)
RS (EP 2,773,117)	SE (EP 3,402,199)	SK (EP 2,774,374)
RS (EP 2,773,118)	SE (EP 3,402,200)	SK (EP 2,786,577)
RS (EP 2,774,120)	SE (EP 3,402,201)	SK (EP 2,916,545)
RS (EP 2,774,122)	SE (EP 3,402,202)	SK (EP 2,941,004)
RS (EP 2,774,374)	SE (EP 3,448,033)	SK (EP 2,942,954)
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RS (EP 2,942,954)	SE (EP 3,579,554)	SK (EP 2,945,376)
RS (EP 2,950,535)	SE (EP 3,579,555)	SK (EP 2,945,380)
RU 2589866	SE (EP 3,579,556)	SK (EP 2,945,381)
RU 2601445	SE (EP 3,829,172)	SK (EP 2,950,535)
RU 2602986	SE (EP 3,829,174)	SK (EP 3,343,915)
RU 2604340	SE (EP 3,829,175)	SK (EP 3,346,447)
RU 2621966	SE (EP 3,829,176)	SK (EP 3,402,191)
RU 2621967	SG 10201503437R	SK (EP 3,402,199)
RU 2621970	SG 10201503439U	SK (EP 3,402,200)
RU 2621972	SG 10201503443Y	SK (EP 3,402,201)
RU 2,686,007	SG 10201503444W	SK (EP 3,402,202)
RU 2,686,008	SG 10201600412W	SK (EP 3,448,033)
RU 2,686,010	SG 10201600413T	SK (EP 3,448,034)
RU 2,686,819	SG 10201600414R	SK (EP 3,579,554)
RU 2,710,995	SG 10201600418X	SK (EP 3,579,555)
RU 2,710,996	SG 10201607022W	SK (EP 3,579,556)
RU 2,711,176	SG 10201607196U	SK (EP 3,829,172)
RU 2,711,182	SG 10201608492R	SK (EP 3,829,174)
RU 2,711,306	SG 10201609349U	SK (EP 3,829,175)
RU 2,711,467	SG 11201400667Q	SK (EP 3,829,176)



TR (EP 2,752,004)	TW I571110	TW I809520
TR (EP 2,752,005)	TW I572189	US 8,917,772
TR (EP 2,752,006)	TW I572190	US 8,942,284
TR (EP 2,773,117)	TW I572191	US 8,948,259
TR (EP 2,773,118)	TW I575934	US 8,953,683
TR (EP 2,774,120)	TW I581612	US 8,982,957
TR (EP 2,774,122)	TW I587688	US 8,989,258
TR (EP 2,774,374)	TW I603610	US 9,014,262
TR (EP 2,786,577)	TW I604733	US 9,020,031
TR (EP 2,916,545)	TW I608725	US 9,025,662
TR (EP 2,941,004)	TW I608726	US 9,025,663
TR (EP 2,942,954)	TW I608727	US 9,036,704
TR (EP 2,942,956)	TW I608729	US 9,060,179
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TR (EP 2,945,380)	TW I611687	US 9,143,786
TR (EP 2,945,381)	TW I615016	US 9,148,671
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TR (EP 3,343,915)	TW I621349	US 9,172,961
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Hangzhou Boyun Technology Co., Ltd.

CN 104012094
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CN 104883568
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Hangzhou Hikvision Digital Technology Co., Ltd.

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HUMAX Co., Ltd.

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IDEAHUB, Inc.

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KR 1,934,840	<u>Industry-Academy Cooperation</u>	AU 2015200359
KR 1,934,950	<u>Foundation of Sejong University</u>	AU 2015200360
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MX 367,994	RU 2,635,235	US 9,225,990
MX 369,192	RU 2,636,117	US 9,253,498
MX 373,504	RU 2,636,118	US 9,253,499
MX 379,635	RU 2,643,573	US 9,288,503
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PL 231,159	RU 2,713,699	US 9,560,385
PL 231,160	RU 2,713,856	US 9,565,442
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US 9,979,967	VN 22693	VN 29431
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AU 2014202818	CA 2,934,942	CN 201610630500.2
AU 2014202819	CA 2,935,205	CN 201610809602.0
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BE (EP 2,950,534)	CH (EP 2,988,501)	CY (EP 2,600,613)
BE (EP 2,988,501)	CH (EP 3,051,815)	CY (EP 2,608,541)
BE (EP 3,051,815)	CH (EP 3,059,953)	CY (EP 2,988,501)
BE (EP 3,059,953)	CH (EP 3,059,956)	CY (EP 3,051,815)
BE (EP 3,059,956)	CH (EP 3,059,960)	CY (EP 3,059,953)
BE (EP 3,059,960)	CH (EP 3,125,552)	CY (EP 3,059,956)
BE (EP 3,125,552)	CH (EP 3,125,553)	CY (EP 3,059,960)
BE (EP 3,125,553)	CH (EP 3,125,555)	CY (EP 3,125,552)
BE (EP 3,125,555)	CH (EP 3,125,561)	CY (EP 3,125,553)
BE (EP 3,125,561)	CH (EP 3,145,188)	CY (EP 3,125,555)
BE (EP 3,145,188)	CH (EP 3,197,160)	CY (EP 3,125,561)
BE (EP 3,197,160)	CH (EP 3,211,898)	CY (EP 3,145,188)
BE (EP 3,211,898)	CH (EP 3,211,899)	CY (EP 3,197,160)
BE (EP 3,211,899)	CH (EP 3,214,838)	CY (EP 3,211,898)
BE (EP 3,214,838)	CH (EP 3,958,559)	CY (EP 3,211,899)
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DE (EP 2,608,541)	EE (EP 3,051,815)	FI (EP 3,059,960)
DE (EP 2,947,877)	EE (EP 3,059,953)	FI (EP 3,125,552)
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DE (EP 2,950,533)	EE (EP 3,059,960)	FI (EP 3,125,555)
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DE (EP 2,988,501)	EE (EP 3,125,553)	FI (EP 3,145,188)
DE (EP 3,051,815)	EE (EP 3,125,555)	FI (EP 3,197,160)
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DE (EP 3,059,956)	EE (EP 3,145,188)	FI (EP 3,211,899)
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DE (EP 3,125,553)	EE (EP 3,211,899)	FR (EP 2,600,613)
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DE (EP 3,145,188)	EE (EP 3,958,560)	FR (EP 2,947,878)
DE (EP 3,197,160)	EE (EP 3,958,562)	FR (EP 2,950,533)
DE (EP 3,211,898)	EE (EP 3,958,563)	FR (EP 2,950,534)
DE (EP 3,211,899)	ES (EP 2,563,020)	FR (EP 2,988,501)
DE (EP 3,214,838)	ES (EP 2,600,613)	FR (EP 3,051,815)
DE (EP 3,958,559)	ES (EP 2,608,541)	FR (EP 3,059,953)
DE (EP 3,958,560)	ES (EP 2,947,877)	FR (EP 3,059,956)
DE (EP 3,958,562)	ES (EP 2,947,878)	FR (EP 3,059,960)
DE (EP 3,958,563)	ES (EP 2,950,533)	FR (EP 3,125,552)
DK (EP 2,563,020)	ES (EP 2,950,534)	FR (EP 3,125,553)
DK (EP 2,600,613)	ES (EP 2,988,501)	FR (EP 3,125,555)
DK (EP 2,608,541)	ES (EP 3,051,815)	FR (EP 3,125,561)
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DK (EP 3,051,815)	ES (EP 3,059,956)	FR (EP 3,197,160)
DK (EP 3,059,953)	ES (EP 3,059,960)	FR (EP 3,211,898)
DK (EP 3,059,956)	ES (EP 3,125,552)	FR (EP 3,211,899)
DK (EP 3,059,960)	ES (EP 3,125,553)	FR (EP 3,214,838)
DK (EP 3,125,552)	ES (EP 3,125,555)	FR (EP 3,958,559)
DK (EP 3,125,553)	ES (EP 3,125,561)	FR (EP 3,958,560)
DK (EP 3,125,555)	ES (EP 3,145,188)	FR (EP 3,958,562)
DK (EP 3,125,561)	ES (EP 3,197,160)	FR (EP 3,958,563)
DK (EP 3,145,188)	ES (EP 3,211,898)	GB (EP 2,563,020)
DK (EP 3,197,160)	ES (EP 3,211,899)	GB (EP 2,600,613)
DK (EP 3,211,898)	ES (EP 3,214,838)	GB (EP 2,608,541)
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EE (EP 2,563,020)	ES (EP 3,958,562)	GB (EP 2,950,533)
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GB (EP 3,059,956)	HR (EP 3,125,553)	IL 233,840
GB (EP 3,059,960)	HR (EP 3,125,555)	IL 233,841
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GB (EP 3,125,553)	HR (EP 3,145,188)	IL 246,886
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GB (EP 3,145,188)	HR (EP 3,211,899)	IN 355929
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GB (EP 3,958,563)	HU (EP 3,059,956)	IN 449687
GR (EP 2,563,020)	HU (EP 3,059,960)	IS (EP 2,600,613)
GR (EP 2,600,613)	HU (EP 3,125,552)	IS (EP 2,608,541)
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GR (EP 2,947,877)	HU (EP 3,125,555)	IS (EP 3,051,815)
GR (EP 2,947,878)	HU (EP 3,125,561)	IS (EP 3,059,953)
GR (EP 2,950,533)	HU (EP 3,145,188)	IS (EP 3,059,956)
GR (EP 2,950,534)	HU (EP 3,197,160)	IS (EP 3,059,960)
GR (EP 2,988,501)	HU (EP 3,211,898)	IS (EP 3,125,552)
GR (EP 3,051,815)	HU (EP 3,211,899)	IS (EP 3,125,553)
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GR (EP 3,059,960)	ID P000048728	IS (EP 3,145,188)
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GR (EP 3,125,553)	ID P000053686	IS (EP 3,211,898)
GR (EP 3,125,555)	ID P-201502216	IS (EP 3,211,899)
GR (EP 3,125,561)	IE (EP 2,563,020)	IS (EP 3,214,838)
GR (EP 3,145,188)	IE (EP 2,600,613)	IT (EP 2,563,020)
GR (EP 3,197,160)	IE (EP 2,608,541)	IT (EP 2,600,613)
GR (EP 3,211,898)	IE (EP 2,988,501)	IT (EP 2,608,541)
GR (EP 3,211,899)	IE (EP 3,051,815)	IT (EP 2,947,877)
GR (EP 3,214,838)	IE (EP 3,059,953)	IT (EP 2,947,878)
GR (EP 3,958,559)	IE (EP 3,059,956)	IT (EP 2,950,533)
GR (EP 3,958,560)	IE (EP 3,059,960)	IT (EP 2,950,534)
GR (EP 3,958,562)	IE (EP 3,125,552)	IT (EP 2,988,501)
GR (EP 3,958,563)	IE (EP 3,125,553)	IT (EP 3,051,815)
HR (EP 2,563,020)	IE (EP 3,125,555)	IT (EP 3,059,953)
HR (EP 2,600,613)	IE (EP 3,125,561)	IT (EP 3,059,956)
HR (EP 2,608,541)	IE (EP 3,145,188)	IT (EP 3,059,960)
HR (EP 3,051,815)	IE (EP 3,197,160)	IT (EP 3,125,552)
HR (EP 3,059,953)	IE (EP 3,211,898)	IT (EP 3,125,553)
HR (EP 3,059,956)	IE (EP 3,211,899)	IT (EP 3,125,555)

IT (EP 3,125,561)	LI (EP 3,059,956)	LV (EP 2,608,541)
IT (EP 3,145,188)	LI (EP 3,059,960)	LV (EP 2,988,501)
IT (EP 3,197,160)	LI (EP 3,125,552)	LV (EP 3,051,815)
IT (EP 3,211,898)	LI (EP 3,125,553)	LV (EP 3,059,953)
IT (EP 3,211,899)	LI (EP 3,125,555)	LV (EP 3,059,956)
IT (EP 3,214,838)	LI (EP 3,125,561)	LV (EP 3,059,960)
IT (EP 3,958,559)	LI (EP 3,145,188)	LV (EP 3,125,552)
IT (EP 3,958,560)	LI (EP 3,197,160)	LV (EP 3,125,553)
IT (EP 3,958,562)	LI (EP 3,211,898)	LV (EP 3,125,555)
IT (EP 3,958,563)	LI (EP 3,211,899)	LV (EP 3,125,561)
JP 5,688,136	LI (EP 3,214,838)	LV (EP 3,145,188)
JP 5,877,236	LI (EP 3,958,559)	LV (EP 3,197,160)
JP 5,919,404	LI (EP 3,958,560)	LV (EP 3,211,898)
JP 5,919,405	LI (EP 3,958,562)	LV (EP 3,211,899)
JP 5,919,406	LI (EP 3,958,563)	LV (EP 3,214,838)
JP 5,928,957	LT (EP 2,600,613)	MC (EP 2,600,613)
JP 5,982,612	LT (EP 2,608,541)	MC (EP 2,608,541)
JP 6,025,726	LT (EP 2,988,501)	MC (EP 2,988,501)
JP 6,084,731	LT (EP 3,051,815)	MC (EP 3,051,815)
JP 6,084,732	LT (EP 3,059,953)	MC (EP 3,059,953)
JP 6,149,137	LT (EP 3,059,956)	MC (EP 3,059,956)
JP 6,149,138	LT (EP 3,059,960)	MC (EP 3,059,960)
JP 6,158,997	LT (EP 3,125,552)	MC (EP 3,125,552)
JP 6,158,998	LT (EP 3,125,553)	MC (EP 3,125,553)
JP 6,163,597	LT (EP 3,125,555)	MC (EP 3,125,555)
JP 6,163,598	LT (EP 3,125,561)	MC (EP 3,125,561)
JP 6,242,978	LT (EP 3,145,188)	MC (EP 3,145,188)
JP 6,242,979	LT (EP 3,197,160)	MC (EP 3,197,160)
JP 6,242,980	LT (EP 3,211,898)	MC (EP 3,211,898)
JP 6,242,981	LT (EP 3,211,899)	MC (EP 3,211,899)
JP 6,322,231	LT (EP 3,214,838)	MC (EP 3,214,838)
JP 6,371,794	LU (EP 2,600,613)	MK (EP 2,600,613)
JP 6,371,796	LU (EP 2,608,541)	MK (EP 2,608,541)
JP 6,371,798	LU (EP 2,988,501)	MK (EP 2,988,501)
KR 1,476,117	LU (EP 3,051,815)	MK (EP 3,051,815)
KR 1,854,489	LU (EP 3,059,953)	MK (EP 3,059,953)
KR 2,164,752	LU (EP 3,059,956)	MK (EP 3,059,956)
KR 2,322,188	LU (EP 3,059,960)	MK (EP 3,059,960)
LI (EP 2,563,020)	LU (EP 3,125,552)	MK (EP 3,125,552)
LI (EP 2,600,613)	LU (EP 3,125,553)	MK (EP 3,125,553)
LI (EP 2,608,541)	LU (EP 3,125,555)	MK (EP 3,125,555)
LI (EP 2,947,877)	LU (EP 3,125,561)	MK (EP 3,125,561)
LI (EP 2,947,878)	LU (EP 3,145,188)	MK (EP 3,145,188)
LI (EP 2,950,533)	LU (EP 3,197,160)	MK (EP 3,197,160)
LI (EP 2,950,534)	LU (EP 3,211,898)	MK (EP 3,211,898)
LI (EP 2,988,501)	LU (EP 3,211,899)	MK (EP 3,211,899)
LI (EP 3,051,815)	LU (EP 3,214,838)	MK (EP 3,214,838)
LI (EP 3,059,953)	LV (EP 2,600,613)	MT (EP 2,600,613)

MT (EP 2,608,541)	NL (EP 3,197,160)	PL (EP 2,950,533)
MT (EP 2,988,501)	NL (EP 3,211,898)	PL (EP 2,950,534)
MT (EP 3,051,815)	NL (EP 3,211,899)	PL (EP 2,988,501)
MT (EP 3,059,953)	NL (EP 3,214,838)	PL (EP 3,051,815)
MT (EP 3,059,956)	NL (EP 3,958,559)	PL (EP 3,059,953)
MT (EP 3,059,960)	NL (EP 3,958,560)	PL (EP 3,059,956)
MT (EP 3,125,552)	NL (EP 3,958,562)	PL (EP 3,059,960)
MT (EP 3,125,553)	NL (EP 3,958,563)	PL (EP 3,125,552)
MT (EP 3,125,555)	NO (EP 2,563,020)	PL (EP 3,125,553)
MT (EP 3,125,561)	NO (EP 2,600,613)	PL (EP 3,125,555)
MT (EP 3,145,188)	NO (EP 2,608,541)	PL (EP 3,125,561)
MT (EP 3,197,160)	NO (EP 2,947,877)	PL (EP 3,145,188)
MT (EP 3,211,898)	NO (EP 2,947,878)	PL (EP 3,197,160)
MT (EP 3,211,899)	NO (EP 2,950,533)	PL (EP 3,211,898)
MT (EP 3,214,838)	NO (EP 2,950,534)	PL (EP 3,211,899)
MX 320,440	NO (EP 2,988,501)	PL (EP 3,214,838)
MX 321,684	NO (EP 3,051,815)	PL (EP 3,958,559)
MX 327,747	NO (EP 3,059,953)	PL (EP 3,958,560)
MX 332,842	NO (EP 3,059,956)	PL (EP 3,958,562)
MX 332,845	NO (EP 3,059,960)	PL (EP 3,958,563)
MX 332,847	NO (EP 3,125,552)	PT (EP 2,563,020)
MX 332,848	NO (EP 3,125,553)	PT (EP 2,600,613)
MX 332,852	NO (EP 3,125,555)	PT (EP 2,608,541)
MX 336,417	NO (EP 3,125,561)	PT (EP 2,947,877)
MX 336,418	NO (EP 3,145,188)	PT (EP 2,947,878)
MX 336,419	NO (EP 3,197,160)	PT (EP 2,950,533)
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MY-157877-A	NO (EP 3,211,899)	PT (EP 2,988,501)
MY-162148-A	NO (EP 3,214,838)	PT (EP 3,051,815)
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NL (EP 3,125,561)	PL (EP 2,947,877)	RO (EP 2,608,541)
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RO (EP 3,211,898)	SI (EP 2,608,541)	SM (EP 3,125,553)
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RS (EP 2,563,020)	SI (EP 3,059,953)	SM (EP 3,145,188)
RS (EP 2,600,613)	SI (EP 3,059,956)	SM (EP 3,197,160)
RS (EP 2,608,541)	SI (EP 3,059,960)	SM (EP 3,211,898)
RS (EP 2,988,501)	SI (EP 3,125,552)	SM (EP 3,211,899)
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RS (EP 3,125,561)	SI (EP 3,214,838)	TR (EP 2,947,877)
RS (EP 3,145,188)	SK (EP 2,563,020)	TR (EP 2,947,878)
RS (EP 3,197,160)	SK (EP 2,600,613)	TR (EP 2,950,533)
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HEVC Addendum of Patents of Terminated Licensors

Addendum of Patents of Terminated Licensors

The following patents were contributed to the HEVC Patent Portfolio Licensing Program by an entity that has terminated as a licensor from the HEVC Patent Portfolio Licensing Program. For as long as they continue to be a Licensee, those Licensees with a HEVC Patent Portfolio License in effect prior to the date of termination retain their license under the respective patent and all HEVC Essential Patents that the Licensor and its Affiliates presently or in the future has the right to license or sublicense after the indicated termination date.



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Electronics and
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(terminated January 2, 2020)

CN 103262541

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BR 112014006320
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CN 201510582018.1	CZ (EP 3,515,079)	DK (EP 2,717,574)
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CN 201510582740.5	CZ (EP 3,697,090)	DK (EP 2,838,260)
CN 201510582751.3	CZ (EP 3,697,091)	DK (EP 2,838,261)
CN 201510583247.5	CZ (EP 3,697,092)	DK (EP 2,981,087)

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DK (EP 3,697,090)	FI (EP 3,654,651)	FR (EP 3,910,947)
DK (EP 3,697,091)	FI (EP 3,697,090)	GB (EP 2,717,574)
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DK (EP 3,703,370)	FI (EP 3,697,092)	GB (EP 2,793,467)
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DK (EP 3,716,621)	FI (EP 3,703,371)	GB (EP 2,833,632)
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TW I601416	US 9,369,716	US 9,894,364
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**Korea Advanced Institute of
Science and Technology
(KAIST) and Korean
Broadcasting System (KBS)
(terminated January 2, 2020)**

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

KR 731,884

**Kwangwoon University Industry
- Academic Collaboration
Foundation (terminated January
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**NEC Corporation (terminated
January 25, 2023)**

AU 2011333238

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US 11,483,571
ZA 2013/07530
ZA 2013/07532
ZA 2016/00769
ZA 2016/05507

**Nippon Telegraph and
Telephone Corporation
(terminated January 2, 2020)**

CN 1922888
CN 101822062
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CN 200910142569.0
JP 2,938,412
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**NTT DOCOMO, INC.
(terminated January 2, 2020)**

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GB (EP 2,549,758)	IT (EP 2,819,411)	JP 5,808,839
GB (EP 2,594,076)	IT (EP 2,899,982)	JP 5,859,691
GB (EP 2,656,507)	IT (EP 2,916,549)	JP 5,865,965
GB (EP 2,663,077)	IT (EP 2,934,008)	JP 5,885,604
GB (EP 2,770,737)	IT (EP 2,934,009)	JP 5,893,711
GB (EP 2,819,411)	IT (EP 2,938,076)	JP 5,922,281
GB (EP 2,899,982)	IT (EP 2,938,077)	JP 5,933,086
GB (EP 2,916,549)	IT (EP 2,938,078)	JP 5,951,063
GB (EP 2,934,008)	IT (EP 2,938,079)	JP 5,957,558
GB (EP 2,934,009)	IT (EP 2,938,082)	JP 5,960,316

JP 5,972,687	KR 1,695,170	LI (EP 1540962)
JP 5,977,852	KR 1,700,236	LI (EP 2,268,035)
JP 5,982,537	KR 1,708,732	LI (EP 2,268,037)
JP 6,000,398	KR 1,711,381	LI (EP 2,549,758)
JP 6,038,243	KR 1,717,965	LI (EP 2,594,076)
JP 6,045,222	KR 1,729,051	LI (EP 2,656,507)
JP 6,046,843	KR 1,745,928	LI (EP 2,663,077)
JP 6,088,689	KR 1,747,122	LI (EP 2,899,982)
JP 6,099,729	KR 1,747,195	LI (EP 2,916,549)
JP 6,101,327	KR 1,748,810	LI (EP 2,934,008)
JP 6,109,354	KR 1,752,262	LI (EP 2,934,009)
JP 6,134,418	KR 1,752,263	LI (EP 2,938,078)
JP 6,220,023	KR 1,755,363	LI (EP 2,938,082)
JP 6,229,023	KR 1,764,235	LI (EP 2,942,965)
JP 6,242,438	KR 1,770,662	LI (EP 2,988,500)
JP 6,242,517	KR 1,772,183	LI (EP 2,996,334)
JP 6,246,962	KR 1,773,990	LI (EP 3,232,666)
JP 6,271,697	KR 1,788,732	LU (EP 2,268,035)
JP 6,272,979	KR 1,799,846	MC (EP 1,504,408)
JP 6,310,992	KR 1,803,886	MC (EP 2,268,035)
JP 6,321,091	KR 1,809,187	MC (EP 2,271,114)
JP 6,397,555	KR 1,811,360	MX 318,034
JP 6,405,432	KR 1,812,122	MX 321,386
JP 6,408,681	KR 1,813,463	MX 322,447
JP 6,411,615	KR 1,817,272	MX 325,372
JP 6,426,648	KR 1,833,933	MX 325,675
JP 6,430,045	KR 1,835,460	MX 325,676
JP 6,467,030	KR 1,838,122	MX 328,163
JP 6,486,528	KR 1,838,123	MX 328,276
KR 583,552	KR 1,838,124	MX 330,228
KR 603,175	KR 1,839,466	MX 330,390
KR 701,810	KR 1,842,071	MX 330,730
KR 1,513,956	KR 1,848,228	MX 331,123
KR 1,560,757	KR 1,855,975	MX 335,139
KR 1,572,462	KR 1,869,830	MX 335,862
KR 1,581,399	KR 1,878,293	MX 336,539
KR 1,600,919	KR 1,915,079	MX 337,602
KR 1,628,800	KR 1,918,012	MX 337,791
KR 1,640,872	KR 1,923,527	MX 337,794
KR 1,640,873	KR 1,924,885	MX 337,948
KR 1,648,443	KR 1,927,281	MX 337,949
KR 1,662,654	KR 1,927,282	MX 338,236
KR 1,662,655	KR 1,927,283	MX 340,576
KR 1,664,202	KR 1,931,276	MX 341,365
KR 1,665,490	KR 1,934,051	MX 341,412
KR 1,672,790	KR 1,949,720	MX 344,987
KR 1,686,519	KR 1,952,726	MX 345,539
KR 1,686,520	LI (EP 1,504,408)	MX 347,649

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MX 350,267	PH/1/2011/501792	PT (EP 3,177,019)
MX 350,471	PH/1/2013/500439	PT (EP 3,232,666)
MX 351,061	PH/1/2013/501123	RO (EP 2,268,037)
MX 351,064	PH/1/2014/501009	RO (EP 2,549,758)
MX 351,231	PH 12014502553	RO (EP 2,594,076)
MX 351,764	PL (EP 2,268,037)	RO (EP 2,656,507)
MX 352,293	PL (EP 2,549,758)	RO (EP 2,663,077)
MX 352,533	PL (EP 2,594,076)	RO (EP 2,770,737)
MX 354,869	PL (EP 2,656,507)	RO (EP 2,899,982)
MX 361,484	PL (EP 2,663,077)	RO (EP 2,916,549)
NL (EP 1,504,408)	PL (EP 2,770,737)	RO (EP 2,934,008)
NL (EP 2,268,035)	PL (EP 2,899,982)	RO (EP 2,934,009)
NL (EP 2,268,037)	PL (EP 2,916,549)	RO (EP 2,938,076)
NL (EP 2,271,114)	PL (EP 2,934,008)	RO (EP 2,938,077)
NL (EP 2,549,758)	PL (EP 2,934,009)	RO (EP 2,938,078)
NL (EP 2,594,076)	PL (EP 2,938,076)	RO (EP 2,938,079)
NL (EP 2,656,507)	PL (EP 2,938,077)	RO (EP 2,938,082)
NL (EP 2,663,077)	PL (EP 2,938,078)	RO (EP 2,942,965)
NL (EP 2,770,737)	PL (EP 2,938,079)	RO (EP 2,988,500)
NL (EP 2,899,982)	PL (EP 2,938,082)	RO (EP 2,996,334)
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RU 2633139	SG 187065	TR (EP 2,656,507)
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RU 2643477	SG 191267	TR (EP 2,916,549)
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RU 2,654,202	SG 11201407722U	TR (EP 2,938,082)
RU 2658798	SG 11201408757Y	TR (EP 2,942,965)
RU 2,658,880	SG 11201502234	TR (EP 2,988,500)
RU 2,660,619	SK (EP 2,268,037)	TR (EP 2,996,334)
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RU 2668719	SK (EP 2,656,507)	TW I225,360
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TW I616092	US 9,973,775	AL (EP 2,592,832)
TW I619373	US 9,986,261	AL (EP 2,594,075)
TW I621351	US 10,015,509	AL (EP 2,608,539)
TW I621352	US 10,063,855	AL (EP 2,629,527)
TW I622287	US 10,063,888	AL (EP 2,629,528)
TW I626844	US 10,075,723	AL (EP 2665267)
TW I650005	US 10,075,724	AL (EP 2,665,268)
US 6,825,782	US 10,104,392	AL (EP 2,677,749)
US 6,850,175	US 10,104,393	AL (EP 2,744,204)
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US 7,183,951	US 10,116,956	AL (EP 2804383)
US 7,190,289	US 10,116,960	AL (EP 2,811,745)
US 7,298,303	US 10,123,042	AL (EP 2,838,267)
US 7,346,216	US 10,154,280	AL (EP 2,838,270)
US 7,474,699	US 10,158,871	AL (EP 2,840,789)
US 7,596,178	US 10,165,271	AL (EP 2,854,398)
US 7,822,283	US 10,171,816	AL (EP 2,858,366)
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US 9,031,125	US 10,205,963	AL (EP 2,882,188)
US 9,113,171	US 10,230,987	AL (EP 2,884,749)
US 9,185,409	US 10,257,533	AL (EP 2,887,670)
US 9,225,986	US 10,257,534	AL (EP 2,890,123)
US 9,225,993	US 10,277,916	AL (EP 2,897,364)
US 9,497,480	US 10,284,846	AL (EP 2,897,365)
US 9,549,186	US 10,284,847	AL (EP 2,899,978)
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US 9,577,667	US 10,298,953	AL (EP 2,903,273)
US 9,615,088	VN 15676	AL (EP 2,903,274)
US 9,621,923	VN 16555	AL (EP 2,903,279)
US 9,628,813	VN 16992	AL (EP 2,905,962)
US 9,667,998	VN 17351	AL (EP 2,908,525)
US 9,681,153	VN 18336	AL (EP 2,911,398)
US 9,686,563		AL (EP 2,911,399)
US 9,693,052		AL (EP 2,911,400)
US 9,736,494	<u>Samsung Electronics Co., Ltd.</u>	AL (EP 2,911,401)
US 9,743,113	<u>(terminated March 27, 2020)</u>	AL (EP 2,924,995)
US 9,788,005	AE 165/2013	AL (EP 2,924,996)
US 9,794,592	AE 1790	AL (EP 2,940,996)
US 9,826,228	AL (EP 2,443,833)	AL (EP 2,940,997)
US 9,838,708	AL (EP 2,452,493)	AL (EP 2,940,999)
US 9,860,532	AL (EP 2,452,494)	AL (EP 2,950,532)
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AU 2015200436	BE (EP 2,712,198)	BE (EP 2,950,542)
AU 2015200437	BE (EP 2712200)	BE (EP 2,953,355)
AU 2015200438	BE (EP 2713617)	BE (EP 2,953,356)
AU 2015200748	BE (EP 2,713,618)	BE (EP 2,955,917)
AU 2015201452	BE (EP 2,728,866)	BE (EP 2,955,918)
AU 2015201549	BE (EP 2,744,204)	BE (EP 2,986,003)
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AU 2015201551	BE (EP 2804383)	BE (EP 2,986,005)
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BE (EP 3,145,197)	BG (EP 2,860,980)	BG (EP 3,101,900)
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BE (EP 3,232,664)	BG (EP 2,866,442)	BG (EP 3,104,616)
BE (EP 3,249,611)	BG (EP 2,869,563)	BG (EP 3,104,617)
BE (EP 3,267,683)	BG (EP 2,884,749)	BG (EP 3,136,728)
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CA 2,796,203	CA 2,887,783	CH (EP 2,840,789)
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DE (EP 2,897,365)	DE (EP 3,145,197)	DK (EP 2,677,753)
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DE (EP 2,899,979)	DE (EP 3,232,664)	DK (EP 2712200)

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

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

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

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

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

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

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HU (EP 3,313,076)	ID P000052232	ID P000064042
HU (EP 3,322,183)	ID P000052381	ID P000064089
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HU (EP 3,361,733)	ID P000053016	ID P000064468
HU (EP 3,361,734)	ID P000053017	ID P000065212
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ID P000039995	ID P000054650	ID W-00201204522
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ID P000049322	ID P000062031	IE (EP 2,443,833)
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ID P000050454	ID P000063255	IE (EP 2,510,698)
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IE (EP 2545713)	IE (EP 2,911,399)	IE (EP 3,361,733)
IE (EP 2,580,912)	IE (EP 2,911,400)	IE (EP 3,361,734)
IE (EP 2,592,832)	IE (EP 2,911,401)	IE (EP 3,435,675)
IE (EP 2,594,075)	IE (EP 2,924,995)	IL 224195
IE (EP 2,608,539)	IE (EP 2,924,996)	IL 224737
IE (EP 2,629,526)	IE (EP 2,928,192)	IL 239751
IE (EP 2,629,527)	IE (EP 2,940,996)	IL 243,289
IE (EP 2,629,528)	IE (EP 2,940,997)	IL 243290
IE (EP 2,640,076)	IE (EP 2,940,999)	IL 243291
IE (EP 2665267)	IE (EP 2,950,532)	IL 243,292
IE (EP 2,665,268)	IE (EP 2,950,539)	IL 244,567
IE (EP 2,677,749)	IE (EP 2,950,540)	IL 244,570
IE (EP 2,677,752)	IE (EP 2,950,541)	IL 248556
IE (EP 2,712,198)	IE (EP 2,950,542)	IL 248558
IE (EP 2712200)	IE (EP 2,953,355)	IL 248559
IE (EP 2713617)	IE (EP 2,953,356)	IN 203,511
IE (EP 2,713,618)	IE (EP 2,955,917)	IN 268596
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IE (EP 2,773,109)	IE (EP 2,986,004)	IN 308,280
IE (EP 2804383)	IE (EP 2,986,005)	IN 312,484
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IE (EP 2,863,639)	IE (EP 3,059,708)	IN 332161
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IE (EP 2,882,188)	IE (EP 3,104,616)	IS (EP 2545713)
IE (EP 2,884,749)	IE (EP 3,104,617)	IS (EP 2,592,832)
IE (EP 2,887,670)	IE (EP 3,136,728)	IS (EP 2,629,528)
IE (EP 2,890,123)	IE (EP 3,136,729)	IS (EP 2,640,076)
IE (EP 2,897,364)	IE (EP 3,145,197)	IS (EP 2665267)
IE (EP 2,897,365)	IE (EP 3,166,317)	IS (EP 2,665,268)
IE (EP 2,899,978)	IE (EP 3,232,664)	IS (EP 2,712,198)
IE (EP 2,899,979)	IE (EP 3,249,611)	IS (EP 2712200)
IE (EP 2,899,980)	IE (EP 3,267,683)	IS (EP 2713617)
IE (EP 2,899,981)	IE (EP 3,280,145)	IS (EP 2,713,618)
IE (EP 2,903,273)	IE (EP 3,282,696)	IS (EP 2804383)
IE (EP 2,903,274)	IE (EP 3,282,705)	IS (EP 2,999,227)
IE (EP 2,903,279)	IE (EP 3,282,707)	IT (EP 2,443,833)
IE (EP 2,905,962)	IE (EP 3,297,283)	IT (EP 2,452,493)
IE (EP 2,908,525)	IE (EP 3,297,284)	IT (EP 2,452,494)
IE (EP 2,911,398)	IE (EP 3,300,371)	IT (EP 2,471,266)

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IT (EP 2545713)	IT (EP 2,911,398)	IT (EP 3,297,284)
IT (EP 2,580,912)	IT (EP 2,911,399)	IT (EP 3,300,365)
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JP 5,753,328	KR 1,487,687	KR 1,982,819
JP 5,756,106	KR 1,493,698	KR 2,028,127
JP 5,767,387	KR 1,493,699	KR 2,085,183
JP 5,770,185	KR 1,495,724	LI (EP 2,443,833)
JP 5,775,950	KR 1,495,725	LI (EP 2,452,493)
JP 5,778,367	KR 1,503,269	LI (EP 2,452,494)
JP 5,778,368	KR 1,503,270	LI (EP 2,471,266)
JP 5,819,935	KR 1,507,811	LI (EP 2,489,186)
JP 5,873,200	KR 1,510,108	LI (EP 2,510,698)
JP 5893754	KR 1,519,818	LI (EP 2,545,710)
JP 5905616	KR 1,522,850	LI (EP 2545713)
JP 5,964,422	KR 1,524,643	LI (EP 2,580,912)
JP 6,046,839	KR 1,529,992	LI (EP 2,592,832)
JP 6,050,531	KR 1,529,993	LI (EP 2,594,075)
JP 6,076,414	KR 1,529,994	LI (EP 2,608,539)
JP 6,130,556	KR 1,530,284	LI (EP 2,629,526)
JP 6,231,651	KR 1,530,285	LI (EP 2,629,527)
JP 6,574,025	KR 1,531,170	LI (EP 2,629,528)
JP 6,673,976	KR 1,539,235	LI (EP 2,640,076)
KE KE714	KR 1,552,909	LI (EP 2665267)
KE718	KR 1,564,423	LI (EP 2,665,268)
KE P/2016/002465	KR 1,575,004	LI (EP 2,677,749)
KR 612,849	KR 1,575,005	LI (EP 2,677,752)
KR 873,636	KR 1,575,006	LI (EP 2,712,198)
KR 1,452,713	KR 1,598,142	LI (EP 2712200)
KR 1,452,859	KR 1,602,873	LI (EP 2713617)
KR 1,452,860	KR 1,604,032	LI (EP 2,713,618)
KR 1,454,642	KR 1,607,613	LI (EP 2,728,866)
KR 1,454,664	KR 1,624,649	LI (EP 2,744,204)
KR 1,456,498	KR 1,624,659	LI (EP 2,773,109)
KR 1,456,499	KR 1,644,539	LI (EP 2804383)
KR 1,456,500	KR 1,645,295	LI (EP 2,811,745)
KR 1,457,396	KR 1,650,545	LI (EP 2,830,313)
KR 1,457,397	KR 1,678,572	LI (EP 2,838,267)
KR 1,457,398	KR 1,683,177	LI (EP 2,838,270)
KR 1,457,399	KR 1,703,327	LI (EP 2,840,789)
KR 1,457,418	KR 1,733,794	LI (EP 2,854,398)
KR 1,457,419	KR 1,733,795	LI (EP 2,858,366)
KR 1,457,894	KR 1,743,245	LI (EP 2,860,980)
KR 1,464,538	KR 1,752,763	LI (EP 2,863,639)
KR 1,470,923	KR 1,768,207	LI (EP 2,866,442)
KR 1,474,756	KR 1,820,845	LI (EP 2,869,563)
KR 1,477,545	KR 1,821,703	LI (EP 2,882,188)
KR 1,477,546	KR 1,830,885	LI (EP 2,884,749)
KR 1,477,621	KR 1,882,950	LI (EP 2,887,670)
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LI (EP 2,897,364)	LI (EP 3,136,729)	LT (EP 2,863,639)
LI (EP 2,897,365)	LI (EP 3,145,197)	LT (EP 2,866,442)
LI (EP 2,899,978)	LI (EP 3,166,317)	LT (EP 2,869,563)
LI (EP 2,899,979)	LI (EP 3,232,664)	LT (EP 2,882,188)
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LI (EP 2,899,981)	LI (EP 3,280,145)	LT (EP 2,887,670)
LI (EP 2,903,273)	LI (EP 3,282,696)	LT (EP 2,890,123)
LI (EP 2,903,274)	LI (EP 3,282,705)	LT (EP 2,897,364)
LI (EP 2,903,279)	LI (EP 3,282,707)	LT (EP 2,897,365)
LI (EP 2,905,962)	LI (EP 3,300,371)	LT (EP 2,899,978)
LI (EP 2,908,525)	LI (EP 3,361,733)	LT (EP 2,899,979)
LI (EP 2,911,398)	LI (EP 3,361,734)	LT (EP 2,899,980)
LI (EP 2,911,399)	LI (EP 3,435,675)	LT (EP 2,899,981)
LI (EP 2,911,400)	LK 17013	LT (EP 2,903,273)
LI (EP 2,911,401)	LT (EP 2,443,833)	LT (EP 2,903,274)
LI (EP 2,924,995)	LT (EP 2,452,493)	LT (EP 2,903,279)
LI (EP 2,924,996)	LT (EP 2,452,494)	LT (EP 2,905,962)
LI (EP 2,928,192)	LT (EP 2,471,266)	LT (EP 2,908,525)
LI (EP 2,940,996)	LT (EP 2,489,186)	LT (EP 2,911,398)
LI (EP 2,940,997)	LT (EP 2,510,698)	LT (EP 2,911,399)
LI (EP 2,940,999)	LT (EP 2,545,710)	LT (EP 2,911,400)
LI (EP 2,950,532)	LT (EP 2545713)	LT (EP 2,911,401)
LI (EP 2,950,539)	LT (EP 2,580,912)	LT (EP 2,924,995)
LI (EP 2,950,540)	LT (EP 2,592,832)	LT (EP 2,924,996)
LI (EP 2,950,541)	LT (EP 2,594,075)	LT (EP 2,928,192)
LI (EP 2,950,542)	LT (EP 2,608,539)	LT (EP 2,940,996)
LI (EP 2,953,355)	LT (EP 2,629,526)	LT (EP 2,940,997)
LI (EP 2,953,356)	LT (EP 2,629,527)	LT (EP 2,940,999)
LI (EP 2,955,917)	LT (EP 2,629,528)	LT (EP 2,950,532)
LI (EP 2,955,918)	LT (EP 2,640,076)	LT (EP 2,950,539)
LI (EP 2,986,003)	LT (EP 2665267)	LT (EP 2,950,540)
LI (EP 2,986,004)	LT (EP 2,665,268)	LT (EP 2,950,541)
LI (EP 2,986,005)	LT (EP 2,677,749)	LT (EP 2,950,542)
LI (EP 2,986,006)	LT (EP 2,712,198)	LT (EP 2,953,355)
LI (EP 2,996,337)	LT (EP 2712200)	LT (EP 2,953,356)
LI (EP 2,996,340)	LT (EP 2713617)	LT (EP 2,955,917)
LI (EP 2,996,341)	LT (EP 2,713,618)	LT (EP 2,955,918)
LI (EP 2,996,342)	LT (EP 2,728,866)	LT (EP 2,986,003)
LI (EP 2,999,224)	LT (EP 2,744,204)	LT (EP 2,986,004)
LI (EP 2,999,226)	LT (EP 2,773,109)	LT (EP 2,986,005)
LI (EP 2,999,227)	LT (EP 2804383)	LT (EP 2,996,337)
LI (EP 3,032,829)	LT (EP 2,811,745)	LT (EP 2,996,340)
LI (EP 3,059,708)	LT (EP 2,838,267)	LT (EP 2,996,341)
LI (EP 3,101,900)	LT (EP 2,838,270)	LT (EP 2,996,342)
LI (EP 3,101,901)	LT (EP 2,840,789)	LT (EP 2,999,224)
LI (EP 3,104,616)	LT (EP 2,854,398)	LT (EP 2,999,226)
LI (EP 3,104,617)	LT (EP 2,858,366)	LT (EP 2,999,227)
LI (EP 3,136,728)	LT (EP 2,860,980)	LT (EP 3,059,708)

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

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



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MK (EP 2,986,004)	MX 317649	MX 324,348
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MK (EP 2,999,226)	MX 319249	MX 327687
MK (EP 2,999,227)	MX 319,251	MX 328193
MK (EP 3,059,708)	MX 319,332	MX 328501
MK (EP 3,101,900)	MX 319,559	MX 328689
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MK (EP 3,104,616)	MX 319,561	MX 329314
MK (EP 3,104,617)	MX 319,562	MX 330592
MK (EP 3,136,728)	MX 319,564	MX 330593
MK (EP 3,136,729)	MX 320,205	MX 331,014
MK (EP 3,145,197)	MX 320207	MX 331152
MK (EP 3,166,317)	MX 320,209	MX 331163
MK (EP 3,232,664)	MX 320,213	MX 331682
MK (EP 3,267,683)	MX 320217	MX 332082
MK (EP 3,282,696)	MX 320225	MX 332084
MK (EP 3,282,705)	MX 320433	MX 332,245
MK (EP 3,282,707)	MX 320435	MX 332,577
MK (EP 3,300,371)	MX 320436	MX 332579
MT (EP 2,452,494)	MX 320437	MX 332580
MT (EP 2545713)	MX 320438	MX 332639
MT (EP 2,592,832)	MX 320,458	MX 332673
MT (EP 2,629,528)	MX 321,898	MX 332,916
MT (EP 2,640,076)	MX 321,899	MX 332,917
MT (EP 2665267)	MX 322644	MX 332,918
MT (EP 2,665,268)	MX 322,645	MX 333,204
MT (EP 2,712,198)	MX 322910	MX 333,205
MT (EP 2712200)	MX 322,912	MX 333,206
MT (EP 2713617)	MX 323151	MX 333,207
MT (EP 2,713,618)	MX 323,296	MX 334,249
MT (EP 2804383)	MX 323298	MX 334250
MX 310105	MX 323386	MX 334,251
MX 311413	MX 323387	MX 334296
MX 313,556	MX 323390	MX 334,592
MX 313,601	MX 323391	MX 334877
MX 313,959	MX 323,423	MX 335,118
MX 315,450	MX 323,424	MX 335119
MX 315451	MX 323,714	MX 335120
MX 315,662	MX 324107	MX 335,159
MX 315,664	MX 324108	MX 335,160
MX 316,236	MX 324,186	MX 335903
MX 316237	MX 324,187	MX 336,117



MX 336,301	MY-155333-A	MY 173199A
MX 336,302	MY-155335-A	MY 173533-A
MX 336,303	MY 155891-A	MY 173534-A
MX 336,371	MY-156223-A	MY 173539-A
MX 336525	MY-157499-A	MY 174068A
MX 336648	MY-157501-A	MY 174079A
MX 336649	MY-157778-A	MY 174172A
MX 336650	MY 160578-A	MY PI2012000238
MX 336,876	MY 160838-A	MY PI2012000404
MX 336,877	MY 163448-A	MY PI2013000136
MX 337,142	MY 163803-A	MY PI2013004676
MX 337,143	MY 163978-A	MY PI2016001179
MX 337,144	MY 163989-A	MY PI2016001180
MX 337,230	MY 164252-A	MY PI2016001181
MX 337,232	MY 164266-A	MY PI2016001182
MX 337,235	MY 164324-A	NL (EP 2,443,833)
MX 337403	MY 164871-A	NL (EP 2,452,493)
MX 337921	MY 165170A	NL (EP 2,452,494)
MX 338,669	MY 165372-A	NL (EP 2,471,266)
MX 338,670	MY 165375-A	NL (EP 2,489,186)
MX 339,849	MY 165376-A	NL (EP 2,510,698)
MX 339,850	MY 165529-A	NL (EP 2,545,710)
MX 339998	MY 165841-A	NL (EP 2545713)
MX 341305	MY 165858-A	NL (EP 2,580,912)
MX 342394	MY 165859-A	NL (EP 2,592,832)
MX 343865	MY 165981-A	NL (EP 2,594,075)
MX 344091	MY 166069-A	NL (EP 2,608,539)
MX 346477	MY 166149-A	NL (EP 2,629,526)
MX 346,561	MY 166200-A	NL (EP 2,629,527)
MX 347,473	MY 166893-A	NL (EP 2,629,528)
MX 349298	MY 167146-A	NL (EP 2,640,076)
MX 353742	MY-167815-A	NL (EP 2665267)
MX 354286	MY 168224-A	NL (EP 2,665,268)
MX 354287	MY-168314-A	NL (EP 2,677,749)
MX 354336	MY-168315-A	NL (EP 2,677,752)
MX 356391	MY 168324-A	NL (EP 2,677,753)
MX 358773	MY-168325-A	NL (EP 2,712,198)
MX 364043	MY 169355A	NL (EP 2712200)
MY 173540-A	MY 169873A	NL (EP 2713617)
MY 153787A	MY 170156A	NL (EP 2,713,618)
MY-153844-A	MY 171306-A	NL (EP 2,728,866)
MY 154147A	MY 171636-A	NL (EP 2,744,204)
MY-154665-A	MY 172478-A	NL (EP 2,773,109)
MY-154795-A	MY 172652-A	NL (EP 2804383)
MY 155120-A	MY 172727-A	NL (EP 2,811,745)
MY-155121-4	MY 172871-A	NL (EP 2,830,313)
MY 155173-A	MY 172917A	NL (EP 2,838,267)
MY-155175-A	MY 173195A	NL (EP 2,838,270)

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

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NO (EP 3,101,901)	PH 1-2015-500671	PL (EP 2,452,493)
NO (EP 3,104,616)	PH 1-2015-500672	PL (EP 2,452,494)
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NZ 705192	PH 1-2016-500445	PL (EP 2,677,752)
PH 1-2012-501423	PH 1-2016-500447	PL (EP 2,677,753)
PH 1-2012-501442	PH 1-2016-500449	PL (EP 2,712,198)

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

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

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RO (EP 3,282,696)	RS (EP 2,908,525)	RU 2517193
RO (EP 3,282,705)	RS (EP 2,924,995)	RU 2517253
RO (EP 3,282,707)	RS (EP 2,924,996)	RU 2517293
RO (EP 3,300,365)	RS (EP 2,940,996)	RU 2517404
RO (EP 3,300,371)	RS (EP 2,940,997)	RU 2518635
RO (EP 3,313,076)	RS (EP 2,940,999)	RU 2,518,718
RO (EP 3,322,183)	RS (EP 2,950,532)	RU 2519280
RO (EP 3,361,732)	RS (EP 2,953,355)	RU 2,523,126
RO (EP 3,361,735)	RS (EP 2,953,356)	RU 2526861
RO (EP 3,416,292)	RS (EP 2,955,917)	RU 2528132
RO (EP 3,439,307)	RS (EP 2,955,918)	RU 2530252
RO (EP 3,448,039)	RS (EP 2,986,003)	RU 2530341
RO (EP 3,454,561)	RS (EP 2,986,004)	RU 2540842
RO (EP 3,461,130)	RS (EP 2,986,005)	RU 2542884
RS (EP 2,471,266)	RS (EP 2,996,337)	RU 2543519
RS (EP 2,489,186)	RS (EP 2,996,340)	RU 2546619
RS (EP 2,510,698)	RS (EP 2,996,341)	RU 2547707
RS (EP 2,545,710)	RS (EP 2,996,342)	RU 2551794
RS (EP 2545713)	RS (EP 2,999,224)	RU 2554555
RS (EP 2,580,912)	RS (EP 2,999,226)	RU 2555236
RS (EP 2,592,832)	RS (EP 2,999,227)	RU 2559737
RS (EP 2,594,075)	RS (EP 3,059,708)	RU 2559738
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RS (EP 2,744,204)	RS (EP 3,136,728)	RU 2559757
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RS (EP 2,811,745)	RS (EP 3,145,197)	RU 2564631
RS (EP 2,838,267)	RS (EP 3,166,317)	RU 2566955
RS (EP 2,838,270)	RS (EP 3,232,664)	RU 2566956
RS (EP 2,840,789)	RS (EP 3,280,145)	RU 2566957
RS (EP 2,854,398)	RS (EP 3,282,705)	RU 2566973
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RS (EP 2,860,980)	RS (EP 3,300,371)	RU 2569808
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RS (EP 2,887,670)	RU 2493669	RU 2575982
RS (EP 2,897,364)	RU 2509435	RU 2575983
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RS (EP 2,899,978)	RU 2510945	RU 2577182
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RS (EP 2,899,981)	RU 2514777	RU 2580057
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RU 2586001	RU 2,612,612	SE (EP 2,677,749)
RU 2586035	RU 2,612,613	SE (EP 2,712,198)
RU 2586321	RU 2,612,614	SE (EP 2712200)
RU 2589382	RU 2,612,624	SE (EP 2713617)
RU 2594291	RU 2,614,544	SE (EP 2,713,618)
RU 2595262	RU 2,618,511	SE (EP 2,728,866)
RU 2,595,576	RU 2619706	SE (EP 2,744,204)
RU 2595578	RU 2,620,718	SE (EP 2,773,109)
RU 2,595,596	RU 2,621,008	SE (EP 2804383)
RU 2,595,602	RU 2,624,578	SE (EP 2,811,745)
RU 2,595,607	RU 2,627,033	SE (EP 2,838,267)
RU 2,595,609	RU 2,627,036	SE (EP 2,838,270)
RU 2,595,610	RU 2,627,294	SE (EP 2,840,789)
RU 2,595,756	RU 2,628,123	SE (EP 2,854,398)
RU 2,595,946	RU 2,632,139	SE (EP 2,858,366)
RU 2,595,947	RU 2,632,409	SE (EP 2,860,980)
RU 2,595,949	RU 2,635,877	SE (EP 2,863,639)
RU 2,595,950	RU 2,635,893	SE (EP 2,866,442)
RU 2,597,484	RU 2,636,100	SE (EP 2,869,563)
RU 2597494	RU 2,636,672	SE (EP 2,882,188)
RU 2,597,521	RU 2,637,881	SE (EP 2,884,749)
RU 2,600,534	RU 2,638,742	SE (EP 2,887,670)
RU 2601180	RU 2,639,691	SE (EP 2,890,123)
RU 2,602,383	RU 2,639,946	SE (EP 2,897,364)
RU 2,602,784	RU 2,640,719	SE (EP 2,897,365)
RU 2,603,539	RU 2,642,387	SE (EP 2,899,978)
RU 2,603,541	RU 2,643,497	SE (EP 2,899,979)
RU 2,603,543	RU 2,652,505	SE (EP 2,899,980)
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RU 2,605,362	RU 2,701,844	SE (EP 2,903,273)
RU 2,605,915	SE (EP 2,443,833)	SE (EP 2,903,274)
RU 2,607,233	SE (EP 2,452,493)	SE (EP 2,903,279)
RU 2,607,247	SE (EP 2,452,494)	SE (EP 2,905,962)
RU 2,607,249	SE (EP 2,471,266)	SE (EP 2,908,525)
RU 2,607,250	SE (EP 2,489,186)	SE (EP 2,911,398)
RU 2,607,254	SE (EP 2,510,698)	SE (EP 2,911,399)
RU 2,607,255	SE (EP 2,545,710)	SE (EP 2,911,400)
RU 2,607,256	SE (EP 2545713)	SE (EP 2,911,401)
RU 2,607,257	SE (EP 2,580,912)	SE (EP 2,924,995)
RU 2,608,263	SE (EP 2,592,832)	SE (EP 2,924,996)
RU 2,608,264	SE (EP 2,594,075)	SE (EP 2,928,192)
RU 2,608,353	SE (EP 2,608,539)	SE (EP 2,940,996)
RU 2,608,465	SE (EP 2,629,526)	SE (EP 2,940,997)
RU 2,608,877	SE (EP 2,629,527)	SE (EP 2,940,999)
RU 2,609,077	SE (EP 2,629,528)	SE (EP 2,950,532)
RU 2,609,749	SE (EP 2,640,076)	SE (EP 2,950,539)
RU 2,609,750	SE (EP 2665267)	SE (EP 2,950,540)
RU 2,612,611	SE (EP 2,665,268)	SE (EP 2,950,541)

SE (EP 2,950,542)	SG 196797	SI (EP 2713617)
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SE (EP 2,953,356)	SG 10201500923S	SI (EP 2,728,866)
SE (EP 2,955,917)	SG 10201502731V	SI (EP 2,744,204)
SE (EP 2,955,918)	SG 10201502735P	SI (EP 2,773,109)
SE (EP 2,986,003)	SG 10201502738X	SI (EP 2804383)
SE (EP 2,986,004)	SG 10201502739Q	SI (EP 2,811,745)
SE (EP 2,986,005)	SG 10201503379S	SI (EP 2,838,267)
SE (EP 2,986,006)	SG 10201503381W	SI (EP 2,838,270)
SE (EP 2,996,337)	SG 10201503383P	SI (EP 2,840,789)
SE (EP 2,996,340)	SG 10201503487V	SI (EP 2,854,398)
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SE (EP 2,996,342)	SG 10201503685R	SI (EP 2,860,980)
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SE (EP 2,999,226)	SG 10201503692U	SI (EP 2,866,442)
SE (EP 2,999,227)	SG 10201505817Y	SI (EP 2,869,563)
SE (EP 3,059,708)	SG 10201505819X	SI (EP 2,882,188)
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SE (EP 3,101,901)	SG 10201510803W	SI (EP 2,887,670)
SE (EP 3,104,616)	SG 10201605379R	SI (EP 2,890,123)
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SE (EP 3,136,729)	SG 10201709163W	SI (EP 2,899,978)
SE (EP 3,145,197)	SG 11201402160X	SI (EP 2,899,979)
SE (EP 3,166,317)	SG 11201403069S	SI (EP 2,899,980)
SE (EP 3,232,664)	SG 11201406560U	SI (EP 2,899,981)
SE (EP 3,267,683)	SG 11201408246Q	SI (EP 2,903,273)
SE (EP 3,280,145)	SI (EP 2,443,833)	SI (EP 2,903,274)
SE (EP 3,282,696)	SI (EP 2,452,493)	SI (EP 2,903,279)
SE (EP 3,282,705)	SI (EP 2,452,494)	SI (EP 2,905,962)
SE (EP 3,282,707)	SI (EP 2,471,266)	SI (EP 2,908,525)
SE (EP 3,300,371)	SI (EP 2,489,186)	SI (EP 2,911,398)
SE (EP 3,313,076)	SI (EP 2,510,698)	SI (EP 2,911,399)
SE (EP 3,435,675)	SI (EP 2,545,710)	SI (EP 2,911,400)
SG 70307	SI (EP 2545713)	SI (EP 2,911,401)
SG 182491	SI (EP 2,580,912)	SI (EP 2,924,995)
SG 186970	SI (EP 2,592,832)	SI (EP 2,924,996)
SG 186978	SI (EP 2,594,075)	SI (EP 2,928,192)
SG 186996	SI (EP 2,608,539)	SI (EP 2,940,996)
SG 187055	SI (EP 2,629,526)	SI (EP 2,940,997)
SG 187860	SI (EP 2,629,527)	SI (EP 2,940,999)
SG 192511	SI (EP 2,629,528)	SI (EP 2,950,532)
SG 192512	SI (EP 2,640,076)	SI (EP 2,950,539)
SG 195591	SI (EP 2665267)	SI (EP 2,950,540)
SG 195593	SI (EP 2,665,268)	SI (EP 2,950,541)
SG 195964	SI (EP 2,677,749)	SI (EP 2,950,542)
SG 195967	SI (EP 2,712,198)	SI (EP 2,953,355)
SG 196007	SI (EP 2712200)	SI (EP 2,953,356)

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SI (EP 2,955,918)	SK (EP 2,712,198)	SK (EP 2,950,542)
SI (EP 2,986,003)	SK (EP 2712200)	SK (EP 2,953,355)
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SI (EP 2,996,337)	SK (EP 2,728,866)	SK (EP 2,955,918)
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SI (EP 2,999,226)	SK (EP 2,830,313)	SK (EP 2,996,337)
SI (EP 2,999,227)	SK (EP 2,838,267)	SK (EP 2,996,340)
SI (EP 3,059,708)	SK (EP 2,838,270)	SK (EP 2,996,341)
SI (EP 3,101,900)	SK (EP 2,840,789)	SK (EP 2,996,342)
SI (EP 3,101,901)	SK (EP 2,854,398)	SK (EP 2,999,224)
SI (EP 3,104,616)	SK (EP 2,858,366)	SK (EP 2,999,226)
SI (EP 3,104,617)	SK (EP 2,860,980)	SK (EP 2,999,227)
SI (EP 3,136,728)	SK (EP 2,863,639)	SK (EP 3,032,829)
SI (EP 3,136,729)	SK (EP 2,866,442)	SK (EP 3,059,708)
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SI (EP 3,232,664)	SK (EP 2,884,749)	SK (EP 3,104,616)
SI (EP 3,267,683)	SK (EP 2,887,670)	SK (EP 3,104,617)
SI (EP 3,280,145)	SK (EP 2,890,123)	SK (EP 3,136,728)
SI (EP 3,282,696)	SK (EP 2,897,364)	SK (EP 3,136,729)
SI (EP 3,282,705)	SK (EP 2,897,365)	SK (EP 3,145,197)
SI (EP 3,282,707)	SK (EP 2,899,978)	SK (EP 3,166,317)
SI (EP 3,300,371)	SK (EP 2,899,979)	SK (EP 3,232,664)
SK (EP 2,443,833)	SK (EP 2,899,980)	SK (EP 3,249,611)
SK (EP 2,452,493)	SK (EP 2,899,981)	SK (EP 3,267,683)
SK (EP 2,452,494)	SK (EP 2,903,273)	SK (EP 3,280,145)
SK (EP 2,471,266)	SK (EP 2,903,274)	SK (EP 3,282,696)
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SK (EP 2,545,710)	SK (EP 2,908,525)	SK (EP 3,297,283)
SK (EP 2545713)	SK (EP 2,911,398)	SK (EP 3,297,284)
SK (EP 2,580,912)	SK (EP 2,911,399)	SK (EP 3,300,365)
SK (EP 2,592,832)	SK (EP 2,911,400)	SK (EP 3,300,371)
SK (EP 2,594,075)	SK (EP 2,911,401)	SK (EP 3,313,076)
SK (EP 2,608,539)	SK (EP 2,924,995)	SK (EP 3,322,183)
SK (EP 2,629,526)	SK (EP 2,924,996)	SK (EP 3,361,732)
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SK (EP 2,665,268)	SK (EP 2,950,532)	SK (EP 3,435,675)
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SK (EP 2,677,752)	SK (EP 2,950,540)	SK (EP 3,448,025)

SK (EP 3,448,030)	TR (EP 2,838,270)	TR (EP 2,996,342)
SK (EP 3,448,039)	TR (EP 2,840,789)	TR (EP 2,999,224)
SK (EP 3,454,561)	TR (EP 2,854,398)	TR (EP 2,999,226)
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SM (EP 2545713)	TR (EP 2,866,442)	TR (EP 3,101,900)
SM (EP 2,592,832)	TR (EP 2,869,563)	TR (EP 3,101,901)
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SM (EP 2665267)	TR (EP 2,887,670)	TR (EP 3,136,728)
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SM (EP 2,713,618)	TR (EP 2,899,979)	TR (EP 3,267,683)
SM (EP 2804383)	TR (EP 2,899,980)	TR (EP 3,280,145)
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TR (EP 2804383)	TR (EP 2,986,005)	TW I502970
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TR (EP 2,838,267)	TR (EP 2,996,341)	TW I519135



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TW I520581	US 8,837,840	US 9,118,914
TW I521970	US 8,842,734	US 9,118,915
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TW I528792	US 8,842,926	US 9,118,933
TW I532368	US 8,842,927	US 9,124,887
TW I532370	US 8,861,608	US 9,124,892
TW I540885	US 8,861,609	US 9,124,893
TW I542199	US 8,879,626	US 9,124,894
TW I542203	US 8,885,723	US 9,124,902
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TW I552583	US 8,885,727	US 9,131,232
TW I554088	US 8,885,958	US 9,131,237
TW I555377	US 8,885,959	US 9,137,534
TW I556632	US 8,891,618	US 9,137,543
TW I556648	US 8,891,631	US 9,148,665
TW I558169	US 8,891,632	US 9,179,167
TW I562618	US 8,897,363	US 9,204,160
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TW I569636	US 8,902,979	US 9,204,163
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US 8,472,734	US 8,971,654	US 9,253,500
US 8,582,901	US 8,982,961	US 9,253,501
US 8,768,081	US 8,982,962	US 9,253,502
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US 8,787,458	US 8,995,529	US 9,258,571
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US 8,792,737	US 9,042,460	US 9,277,239
US 8,792,741	US 9,042,665	US 9,277,242
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US 9,313,502	US 9,451,282	US 9,635,375
US 9,313,503	US 9,462,288	US 9,641,855
US 9,313,506	US 9,467,711	US 9,648,349
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US 9,451,273	US 9,635,367	US 9,912,954



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US 10,582,194	VN 16118	VN 22940

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CN 201510428013.3	FR (EP 2,991,353)	KR 1483495
CN 201510455161.4	FR (EP 2,993,904)	KR 1483688
CN 201510598947.1	FR (EP 3,119,091)	KR 1487436
CN 201510629964.7	FR (EP 3,128,755)	KR 1494322
CN 201510629971.7	GB (EP 2,485,490)	KR 1,524,664
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CN 201610350084.0	HU (EP 3,128,755)	KR 1,543,310
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CN 201610811334.6	IT (EP 2,597,875)	KR 1,543,319
CN 201610811347.3	IT (EP 2,991,353)	KR 1,543,323
CN 201610811348.8	IT (EP 2,993,904)	KR 1,544,379
CN 201610811363.2	IT (EP 3,119,091)	KR 1,544,390
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KR 1,608,888	PL (EP 2,571,269)	US 9,313,525
KR 1,608,895	PL (EP 2,597,875)	US 9,319,714
KR 1,635,830	PL (EP 2,991,353)	US 9,326,002
KR 1,648,058	PL (EP 2,993,904)	US 9,344,731
KR 1,648,065	PL (EP 3,119,091)	US 9,344,732
KR 1,648,070	PL (EP 3,128,755)	US 9,351,008
KR 1,648,077	RO (EP 2,485,490)	US 9,357,220
KR 1,648,910	RO (EP 2,571,269)	US 9,363,530
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KR 1,354,014
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US 8,532,408
US 8,891,891
US 9,924,170
US 10,051,271
US 10,051,272

Addendum of Patents Removed from HEVC Attachment 1

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

Fujitsu Limited

AU 2015213343 (removed as of January 11, 2019)

IBEX PT Holdings

ID P00201809824 (removed as of January 19, 2024)

MX 340,912 (removed as of January 19, 2024)

MX 340,913 (removed as of January 19, 2024)