

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
BR 112016005080-0
BR 122017003527-4
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BR 122018010845-2
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US 11,659,182

**ARRIS Enterprises, LLC, a
CommScope Company**

US 10,341,685

**BI Institute of Image
Technology, INC.**

CN 110024407B
CN 113873260
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**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
JP 6,328,220
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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AT (EP 2,745,515)
AT (EP 2,777,264)
AT (EP 2,777,275)
AT (EP 2,805,485)

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AU 2017232033	BR 112013022774-5	CH (EP 3,099,070)
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AU 2018271348	BR 112014005323-5	CH (EP 3,244,613)
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BE (EP 2,777,255)	BR 122019026440-6	CH (EP 3,609,180)

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CN 107454398	CN 201710680762.4	DE (EP 2,666,294)
CN 107465918	CN 201710785191.0	DE (EP 2,684,362)
CN 107529063	CN 201710785308.5	DE (EP 2,684,368)
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CN 108632627 B	CN 201810801994.5	DE (EP 2,777,275)
CN 108632628 B	CN 201810802327.9	DE (EP 2,805,485)
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IN 345,186	IT (EP 3,972,248)	JP 6,686,206
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IN 359982	IT (EP 3,979,643)	JP 6,748,749
IN 364313	JP 5,847,843	JP 6,766,195
IN 364833	JP 5,847,844	JP 6,766,210
IN 375,239	JP 5,847,845	JP 6,766,211
IN 376,321	JP 5,875,236	JP 6,780,080
IN 392026	JP 6,041,554	JP 6,797,989
IN 394125	JP 6,067,024	JP 6,797,993
IN 417132	JP 6,080,375	JP 6,801,037

JP 6,801,038	KR 2,029,614	LI (EP 3,737,096)
JP 6,821,730	KR 2,030,304	LI (EP 3,742,731)
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JP 6,891,325	KR 2,038,791	LI (EP 3,905,679)
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JP 6,992,147	KR 2,043,579	LI (EP 3,979,643)
JP 7,077,385	KR 2,043,580	NL (EP 2,664,142)
JP 7,159,427	KR 2,043,581	NL (EP 2,664,147)
KR 1,409,145	KR 2,052,290	NL (EP 2,666,294)
KR 1,524,393	KR 2,052,291	NL (EP 2,684,362)
KR 1,524,394	KR 2,052,292	NL (EP 2,684,368)
KR 1,530,244	KR 2,068,431	NL (EP 2,745,515)
KR 1,530,832	KR 2,068,432	NL (EP 2,777,253)
KR 1,598,822	KR 2,068,921	NL (EP 2,777,255)
KR 1,628,793	KR 2,083,280	NL (EP 2,777,264)
KR 1,672,607	KR 2,085,498	NL (EP 2,777,275)
KR 1,700,889	KR 2,086,310	NL (EP 2,805,485)
KR 1,754,547	KR 2,090,437	NL (EP 2,805,507)
KR 1,757,960	KR 2,090,438	NL (EP 3,070,944)
KR 1,759,461	LI (EP 2,664,147)	NL (EP 3,099,070)
KR 1,797,805	LI (EP 2,745,515)	NL (EP 3,174,297)
KR 1,798,280	LI (EP 2,777,264)	NL (EP 3,244,613)
KR 1,799,248	LI (EP 2,777,275)	NL (EP 3,247,117)
KR 1,803,020	LI (EP 2,805,485)	NL (EP 3,253,060)
KR 1,806,063	LI (EP 2,805,507)	NL (EP 3,288,264)
KR 1,825,110	LI (EP 3,070,944)	NL (EP 3,396,957)
KR 1,837,803	LI (EP 3,099,070)	NL (EP 3,422,712)
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KR 1,875,352	LI (EP 3,244,613)	NL (EP 3,474,552)
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KR 1,904,404	LI (EP 3,396,957)	NL (EP 3,609,180)
KR 1,909,410	LI (EP 3,422,712)	NL (EP 3,654,648)
KR 1,909,855	LI (EP 3,422,713)	NL (EP 3,657,790)
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KR 1,930,669	LI (EP 3,654,648)	NL (EP 3,737,095)
KR 1,962,396	LI (EP 3,657,790)	NL (EP 3,737,096)
KR 1,969,359	LI (EP 3,657,791)	NL (EP 3,742,731)
KR 1,969,362	LI (EP 3,657,792)	NL (EP 3,745,723)
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NO (EP 3,979,643)	RO (EP 3,174,297)	SE (EP 3,422,712)
PL (EP 2,664,147)	RO (EP 3,244,613)	SE (EP 3,422,713)
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CZ (EP 2,774,120)	DE (EP 3,402,201)	ES (EP 2,773,117)
CZ (EP 2,774,122)	DE (EP 3,402,202)	ES (EP 2,773,118)

ES (EP 2,774,120)	FR (EP 2,942,956)	GB (EP 3,829,174)
ES (EP 2,774,122)	FR (EP 2,945,376)	GB (EP 3,829,175)
ES (EP 2,774,374)	FR (EP 2,945,380)	GB (EP 3,829,176)
ES (EP 2,786,577)	FR (EP 2,945,381)	GR (EP 2,752,004)
ES (EP 2,916,545)	FR (EP 2,950,535)	GR (EP 2,752,005)
ES (EP 2,941,004)	FR (EP 3,343,915)	GR (EP 2,752,006)
ES (EP 2,942,954)	FR (EP 3,346,447)	GR (EP 2,773,117)
ES (EP 2,942,956)	FR (EP 3,402,191)	GR (EP 2,773,118)
ES (EP 2,945,376)	FR (EP 3,402,199)	GR (EP 2,774,120)
ES (EP 2,945,380)	FR (EP 3,402,200)	GR (EP 2,774,122)
ES (EP 2,945,381)	FR (EP 3,402,201)	GR (EP 2,774,374)
ES (EP 2,950,535)	FR (EP 3,402,202)	GR (EP 2,786,577)
ES (EP 3,343,915)	FR (EP 3,448,033)	GR (EP 2,942,954)
ES (EP 3,346,447)	FR (EP 3,579,554)	GR (EP 2,950,535)
ES (EP 3,402,191)	FR (EP 3,579,555)	GR (EP 3,402,200)
ES (EP 3,402,199)	FR (EP 3,579,556)	GR (EP 3,402,201)
ES (EP 3,402,200)	FR (EP 3,829,172)	GR (EP 3,402,202)
ES (EP 3,402,201)	FR (EP 3,829,174)	GR (EP 3,829,172)
ES (EP 3,402,202)	FR (EP 3,829,175)	GR (EP 3,829,174)
ES (EP 3,448,033)	FR (EP 3,829,176)	GR (EP 3,829,175)
ES (EP 3,579,554)	GB (EP 2,752,004)	GR (EP 3,829,176)
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ES (EP 3,829,172)	GB (EP 2,773,117)	HK 1,214,056
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FI (EP 2,752,004)	GB (EP 2,774,374)	HK 1,214,700
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FI (EP 2,773,118)	GB (EP 2,942,954)	HK 1,214,899
FI (EP 2,774,120)	GB (EP 2,942,956)	HK 1,214,900
FI (EP 2,774,122)	GB (EP 2,945,376)	HK 1,214,901
FI (EP 2,774,374)	GB (EP 2,945,380)	HK 1,215,634
FI (EP 2,786,577)	GB (EP 2,945,381)	HK 1,215,635
FI (EP 2,950,535)	GB (EP 2,950,535)	HK 1,215,636
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FR (EP 2,786,577)	GB (EP 3,579,554)	HR (EP 2,773,117)
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HR (EP 2,786,577)	ID P000075435	IN 398813
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HU (EP 2,752,004)	ID P000077878	IN 416497
HU (EP 2,752,005)	ID P000077883	IN 419043
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HU (EP 2,773,118)	ID P000080594	IN 430557
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HU (EP 2,942,954)	IE (EP 2,774,122)	IS (EP 2,773,117)
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HU (EP 2,945,380)	IE (EP 2,950,535)	IS (EP 2,774,122)
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HU (EP 3,402,191)	IL 239725	IT (EP 2,752,005)
HU (EP 3,402,199)	IL 239,726	IT (EP 2,752,006)
HU (EP 3,402,200)	IL 239,727	IT (EP 2,773,117)
HU (EP 3,402,201)	IL 239,728	IT (EP 2,773,118)
HU (EP 3,402,202)	IL 247673	IT (EP 2,774,120)
HU (EP 3,448,033)	IL 247,674	IT (EP 2,774,122)
HU (EP 3,579,554)	IL 247675	IT (EP 2,774,374)
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HU (EP 3,579,556)	IL 250,027	IT (EP 2,916,545)
HU (EP 3,829,172)	IL 250,029	IT (EP 2,941,004)
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HU (EP 3,829,175)	IL 250,031	IT (EP 2,942,956)
HU (EP 3,829,176)	IL 252379	IT (EP 2,945,376)
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IT (EP 3,829,176)	JP 6,081,553	LI (EP 2,774,120)
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JP 5,731,078	JP 6,101,754	LI (EP 2,941,004)
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JP 5,789,343	JP 6,114,362	LI (EP 2,945,376)
JP 5,792,396	JP 6,116,625	LI (EP 2,945,380)
JP 5,823,628	JP 6,116,626	LI (EP 2,945,381)
JP 5,827,412	JP 6,118,374	LI (EP 2,950,535)
JP 5,828,967	JP 6,138,883	LI (EP 3,343,915)
JP 5,830,175	JP 6,138,884	LI (EP 3,346,447)
JP 5,832,660	JP 6,138,885	LI (EP 3,402,199)
JP 5,841,264	JP 6,140,237	LI (EP 3,402,200)
JP 5,846,666	JP 6,157,676	LI (EP 3,402,201)
JP 5,846,674	JP 6,267,373	LI (EP 3,402,202)
JP 5,846,675	JP 6,275,897	LI (EP 3,448,033)
JP 5,846,676	JP 6,285,484	LI (EP 3,579,554)
JP 5,905,613	JP 6,285,485	LI (EP 3,579,555)
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JP 5,989,838	JP 6,302,577	LI (EP 3,829,174)
JP 5,989,839	JP 6,335,984	LI (EP 3,829,175)
JP 5,989,840	JP 6,360,947	LI (EP 3,829,176)
JP 5,989,841	JP 6,419,230	LT (EP 2,752,004)
JP 5,990,299	JP 6,469,265	LT (EP 2,752,005)
JP 5,990,300	JP 6,505,763	LT (EP 2,752,006)
JP 6,005,790	JP 6,553,769	LT (EP 2,773,117)
JP 6,005,791	JP 6,607,417	LT (EP 2,773,118)
JP 6,005,792	JP 6,636,573	LT (EP 2,774,120)
JP 6,006,394	JP 6,648,315	LT (EP 2,774,122)
JP 6,006,395	JP 6,660,074	LT (EP 2,774,374)
JP 6,006,763	JP 6,680,925	LT (EP 2,786,577)
JP 6,023,842	JP 6,685,208	LT (EP 2,950,535)
JP 6,026,600	JP 6,711,944	LU (EP 2,752,004)
JP 6,026,601	JP 6,906,070	LU (EP 2,752,005)
JP 6,026,602	JP 6,932,177	LU (EP 2,752,006)
JP 6,047,614	JP 6,974,516	LU (EP 2,773,117)
JP 6,047,615	JP 6,995,910	LU (EP 2,773,118)
JP 6,047,616	JP 7,192,044	LU (EP 2,774,120)
JP 6,073,442	JP 7,192,045	LU (EP 2,774,122)
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LU (EP 3,402,200)	MX 338,988	MY 192966
LU (EP 3,402,201)	MX 338,989	MY 195621
LU (EP 3,402,202)	MX 338,990	MY 195624
LU (EP 3,829,172)	MX 339,135	MY 195625
LU (EP 3,829,174)	MX 339,983	MY 195661
LU (EP 3,829,175)	MX 339,984	NL (EP 2,752,004)
LU (EP 3,829,176)	MX 340,366	NL (EP 2,752,005)
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LV (EP 2,752,005)	MX 340,368	NL (EP 2,773,117)
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LV (EP 2,774,374)	MX 340,479	NL (EP 2,916,545)
LV (EP 2,786,577)	MX 340,480	NL (EP 2,941,004)
LV (EP 2,950,535)	MX 340,481	NL (EP 2,942,954)
MK (EP 2,752,004)	MX 340,887	NL (EP 2,942,956)
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MK (EP 2,774,374)	MX 347,163	NL (EP 3,402,191)
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MK (EP 2,950,535)	MX 350,557	NL (EP 3,402,200)
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MX 330,908	MX 356,330	NL (EP 3,402,202)
MX 332,102	MX 356,738	NL (EP 3,448,033)
MX 332,440	MX 356875	NL (EP 3,579,554)
MX 333,762	MX 363,194	NL (EP 3,579,555)
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MX 334,414	MX 378476	NL (EP 3,829,172)
MX 334,421	MX 384,187	NL (EP 3,829,174)
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MX 334,868	MY 169632	NO (EP 2,752,005)
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PH 1-2016-502088	PT (EP 3,829,172)	RU 2602986
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PL (EP 3,346,447)	RO (EP 3,343,915)	SE (EP 2,773,117)
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PL (EP 3,402,201)	RO (EP 3,402,200)	SE (EP 2,774,374)
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PL (EP 3,448,033)	RO (EP 3,402,202)	SE (EP 2,916,545)
PL (EP 3,579,554)	RO (EP 3,448,033)	SE (EP 2,941,004)

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SE (EP 2,945,380)	SK (EP 2,774,120)	TR (EP 3,402,201)
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ZA 2016/00850

Hangzhou Boyun Technology Co., Ltd.

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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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Korea Electronics Technology
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	BE (EP 3,059,953)	CH (EP 2,950,534)
	BE (EP 3,059,956)	CH (EP 2,988,501)
	BE (EP 3,059,960)	CH (EP 3,051,815)
	BE (EP 3,125,552)	CH (EP 3,059,953)
	BE (EP 3,125,553)	CH (EP 3,059,956)
	BE (EP 3,125,555)	CH (EP 3,059,960)
	BE (EP 3,125,561)	CH (EP 3,125,552)
	BE (EP 3,145,188)	CH (EP 3,125,553)
	BE (EP 3,197,160)	CH (EP 3,125,555)
	BE (EP 3,211,898)	CH (EP 3,125,561)
	BE (EP 3,211,899)	CH (EP 3,145,188)
	BE (EP 3,214,838)	CH (EP 3,197,160)
	BE (EP 3,958,559)	CH (EP 3,211,898)
	BE (EP 3,958,560)	CH (EP 3,211,899)
	BE (EP 3,958,562)	CH (EP 3,214,838)
	BE (EP 3,958,563)	CH (EP 3,958,559)
	BG (EP 2,563,020) - Exp. Nov 1, 2023	CH (EP 3,958,560)
	BG (EP 2,600,613)	CH (EP 3,958,562)
	BG (EP 2,608,541)	CH (EP 3,958,563)
	BG (EP 2,947,877) - Exp. Nov 1, 2023	CN 103081473
	BG (EP 2,947,878) - Exp. Nov 1, 2023	CN 103081474
	BG (EP 2,950,533) - Exp. Nov 1, 2023	CN 103168472
	BG (EP 2,950,534) - Exp. Nov 1, 2023	CN 103190151
	BG (EP 2,988,501)	
	BG (EP 3,051,815)	

M&K Holdings Inc.

AL (EP 2,563,020) - Exp. Nov 1, 2023
 AL (EP 2,600,613)
 AL (EP 2,608,541)
 AL (EP 2,947,877) - Exp. Nov 1, 2023
 AL (EP 2,947,878) - Exp. Nov 1, 2023
 AL (EP 2,950,533) - Exp. Nov 1, 2023
 AL (EP 2,950,534) - Exp. Nov 1, 2023
 AL (EP 2,988,501)
 AL (EP 3,051,815)
 AL (EP 3,059,953)
 AL (EP 3,059,956)
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 AL (EP 3,125,561)
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 AL (EP 3,197,160)
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 AT (EP 2,563,020) - Exp. Nov 1, 2023
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 AT (EP 2,947,877) - Exp. Nov 1, 2023
 AT (EP 2,947,878) - Exp. Nov 1, 2023
 AT (EP 2,950,533) - Exp. Nov 1, 2023
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 AT (EP 2,988,501)
 AT (EP 3,051,815)

CN 103370940	CZ (EP 2,608,541)	DK (EP 2,600,613)
CN 104601998	CZ (EP 2,947,877)	DK (EP 2,608,541)
CN 104602004	CZ (EP 2,947,878)	DK (EP 2,947,877) - Exp. Nov 1, 2023
CN 104602005	CZ (EP 2,950,533)	DK (EP 2,947,878) - Exp. Nov 1, 2023
CN 104602021	CZ (EP 2,950,534)	DK (EP 2,950,533) - Exp. Nov 1, 2023
CN 104602022	CZ (EP 2,988,501)	DK (EP 2,950,534) - Exp. Nov 1, 2023
CN 104602023	CZ (EP 3,051,815)	DK (EP 2,988,501)
CN 106231308	CZ (EP 3,059,953)	DK (EP 3,051,815)
CN 201180031338.8	CZ (EP 3,059,956)	DK (EP 3,059,953)
CN 201510037554.3	CZ (EP 3,059,960)	DK (EP 3,059,956)
CN 201510055876.0	CZ (EP 3,125,552)	DK (EP 3,059,960)
CN 201510057143	CZ (EP 3,125,553)	DK (EP 3,125,552)
CN 201510555562.7	CZ (EP 3,125,555)	DK (EP 3,125,553)
CN 201510555800.4	CZ (EP 3,125,561)	DK (EP 3,125,555)
CN 201610630183.4	CZ (EP 3,145,188)	DK (EP 3,125,561)
CN 201610630188.7	CZ (EP 3,197,160)	DK (EP 3,145,188)
CN 201610630484.7	CZ (EP 3,211,898)	DK (EP 3,197,160)
CN 201610630500.2	CZ (EP 3,211,899)	DK (EP 3,211,898)
CN 201610809602.0	CZ (EP 3,214,838)	DK (EP 3,211,899)
CN 201610835771.1	CZ (EP 3,958,559)	DK (EP 3,214,838)
CN 201610835772.6	CZ (EP 3,958,560)	EE (EP 2,563,020)
CN 201610835773.0	CZ (EP 3,958,562)	EE (EP 2,600,613)
CN 201610835923.8	CZ (EP 3,958,563)	EE (EP 2,608,541)
CN 201610950941.0	DE (EP 2,563,020)	EE (EP 2,947,877)
CN 201610950942.5	DE (EP 2,600,613)	EE (EP 2,947,878)
CN 201611271607.9	DE (EP 2,608,541)	EE (EP 2,950,533)
CY (EP 2,563,020) - Exp. Nov 1, 2023	DE (EP 2,947,877)	EE (EP 2,950,534)
CY (EP 2,600,613)	DE (EP 2,947,878)	EE (EP 2,988,501)
CY (EP 2,608,541)	DE (EP 2,950,533)	EE (EP 3,051,815)
CY (EP 2,947,877) - Exp. Nov 1, 2023	DE (EP 2,950,534)	EE (EP 3,059,953)
CY (EP 2,947,878) - Exp. Nov 1, 2023	DE (EP 2,988,501)	EE (EP 3,059,956)
CY (EP 2,950,533) - Exp. Nov 1, 2023	DE (EP 3,051,815)	EE (EP 3,059,960)
CY (EP 2,950,534) - Exp. Nov 1, 2023	DE (EP 3,059,953)	EE (EP 3,125,552)
CY (EP 2,988,501)	DE (EP 3,059,956)	EE (EP 3,125,553)
CY (EP 3,051,815)	DE (EP 3,059,960)	EE (EP 3,125,555)
CY (EP 3,059,953)	DE (EP 3,125,552)	EE (EP 3,125,561)
CY (EP 3,059,956)	DE (EP 3,125,553)	EE (EP 3,145,188)
CY (EP 3,059,960)	DE (EP 3,125,555)	EE (EP 3,197,160)
CY (EP 3,125,552)	DE (EP 3,125,561)	EE (EP 3,211,898)
CY (EP 3,125,553)	DE (EP 3,145,188)	EE (EP 3,211,899)
CY (EP 3,125,555)	DE (EP 3,197,160)	EE (EP 3,214,838)
CY (EP 3,125,561)	DE (EP 3,211,898)	EE (EP 3,958,559)
CY (EP 3,145,188)	DE (EP 3,211,899)	EE (EP 3,958,560)
CY (EP 3,197,160)	DE (EP 3,214,838)	EE (EP 3,958,562)
CY (EP 3,211,898)	DE (EP 3,958,559)	EE (EP 3,958,563)
CY (EP 3,211,899)	DE (EP 3,958,560)	ES (EP 2,563,020)
CY (EP 3,214,838)	DE (EP 3,958,562)	ES (EP 2,600,613)
CZ (EP 2,563,020)	DE (EP 3,958,563)	ES (EP 2,608,541)
CZ (EP 2,600,613)	DK (EP 2,563,020)	ES (EP 2,947,877)

ES (EP 2,947,878)	FR (EP 2,988,501)	GR (EP 2,950,534)
ES (EP 2,950,533)	FR (EP 3,051,815)	GR (EP 2,988,501)
ES (EP 2,950,534)	FR (EP 3,059,953)	GR (EP 3,051,815)
ES (EP 2,988,501)	FR (EP 3,059,956)	GR (EP 3,059,953)
ES (EP 3,051,815)	FR (EP 3,059,960)	GR (EP 3,059,956)
ES (EP 3,059,953)	FR (EP 3,125,552)	GR (EP 3,059,960)
ES (EP 3,059,956)	FR (EP 3,125,553)	GR (EP 3,125,552)
ES (EP 3,059,960)	FR (EP 3,125,555)	GR (EP 3,125,553)
ES (EP 3,125,552)	FR (EP 3,125,561)	GR (EP 3,125,555)
ES (EP 3,125,553)	FR (EP 3,145,188)	GR (EP 3,125,561)
ES (EP 3,125,555)	FR (EP 3,197,160)	GR (EP 3,145,188)
ES (EP 3,125,561)	FR (EP 3,211,898)	GR (EP 3,197,160)
ES (EP 3,145,188)	FR (EP 3,211,899)	GR (EP 3,211,898)
ES (EP 3,197,160)	FR (EP 3,214,838)	GR (EP 3,211,899)
ES (EP 3,211,898)	FR (EP 3,958,559)	GR (EP 3,214,838)
ES (EP 3,211,899)	FR (EP 3,958,560)	GR (EP 3,958,559)
ES (EP 3,214,838)	FR (EP 3,958,562)	GR (EP 3,958,560)
ES (EP 3,958,559)	FR (EP 3,958,563)	GR (EP 3,958,562)
ES (EP 3,958,560)	GB (EP 2,563,020)	GR (EP 3,958,563)
ES (EP 3,958,562)	GB (EP 2,600,613)	HR (EP 2,563,020)
ES (EP 3,958,563)	GB (EP 2,608,541)	HR (EP 2,600,613)
FI (EP 2,563,020) - Exp. Nov 1, 2023	GB (EP 2,947,877)	HR (EP 2,608,541)
FI (EP 2,600,613)	GB (EP 2,947,878)	HR (EP 2,947,877) - Exp. Nov 1, 2023
FI (EP 2,608,541)	GB (EP 2,950,533)	HR (EP 2,947,878) - Exp. Nov 1, 2023
FI (EP 2,947,877) - Exp. Nov 1, 2023	GB (EP 2,950,534)	HR (EP 2,950,533) - Exp. Nov 1, 2023
FI (EP 2,947,878) - Exp. Nov 1, 2023	GB (EP 2,988,501)	HR (EP 2,950,534) - Exp. Nov 1, 2023
FI (EP 2,950,533) - Exp. Nov 1, 2023	GB (EP 3,051,815)	HR (EP 3,051,815)
FI (EP 2,950,534) - Exp. Nov 1, 2023	GB (EP 3,059,953)	HR (EP 3,059,953)
FI (EP 2,988,501)	GB (EP 3,059,956)	HR (EP 3,059,956)
FI (EP 3,051,815)	GB (EP 3,059,960)	HR (EP 3,059,960)
FI (EP 3,059,953)	GB (EP 3,125,552)	HR (EP 3,125,552)
FI (EP 3,059,956)	GB (EP 3,125,553)	HR (EP 3,125,553)
FI (EP 3,059,960)	GB (EP 3,125,555)	HR (EP 3,125,555)
FI (EP 3,125,552)	GB (EP 3,125,561)	HR (EP 3,125,561)
FI (EP 3,125,553)	GB (EP 3,145,188)	HR (EP 3,145,188)
FI (EP 3,125,555)	GB (EP 3,197,160)	HR (EP 3,197,160)
FI (EP 3,125,561)	GB (EP 3,211,898)	HR (EP 3,211,898)
FI (EP 3,145,188)	GB (EP 3,211,899)	HR (EP 3,211,899)
FI (EP 3,197,160)	GB (EP 3,214,838)	HR (EP 3,214,838)
FI (EP 3,211,898)	GB (EP 3,958,559)	HU (EP 2,563,020)
FI (EP 3,211,899)	GB (EP 3,958,560)	HU (EP 2,600,613)
FI (EP 3,214,838)	GB (EP 3,958,562)	HU (EP 2,608,541)
FR (EP 2,563,020)	GB (EP 3,958,563)	HU (EP 2,947,877) - Exp. Nov 1, 2023
FR (EP 2,600,613)	GR (EP 2,563,020)	HU (EP 2,947,878) - Exp. Nov 1, 2023
FR (EP 2,608,541)	GR (EP 2,600,613)	HU (EP 2,950,533) - Exp. Nov 1, 2023
FR (EP 2,947,877)	GR (EP 2,608,541)	HU (EP 2,950,534) - Exp. Nov 1, 2023
FR (EP 2,947,878)	GR (EP 2,947,877)	HU (EP 2,988,501)
FR (EP 2,950,533)	GR (EP 2,947,878)	HU (EP 3,051,815)
FR (EP 2,950,534)	GR (EP 2,950,533)	HU (EP 3,059,953)

HU (EP 3,059,956)	IN 442350	JP 5,877,236
HU (EP 3,059,960)	IN 442353	JP 5,919,404
HU (EP 3,125,552)	IS (EP 2,563,020) - Exp. Nov 1, 2023	JP 5,919,405
HU (EP 3,125,553)	IS (EP 2,600,613)	JP 5,919,406
HU (EP 3,125,555)	IS (EP 2,608,541)	JP 5,928,957
HU (EP 3,125,561)	IS (EP 2,947,877) - Exp. Nov 1, 2023	JP 5,982,612
HU (EP 3,145,188)	IS (EP 2,947,878) - Exp. Nov 1, 2023	JP 6,025,726
HU (EP 3,197,160)	IS (EP 2,950,533) - Exp. Nov 1, 2023	JP 6,084,731
HU (EP 3,211,898)	IS (EP 2,950,534) - Exp. Nov 1, 2023	JP 6,084,732
HU (EP 3,211,899)	IS (EP 2,988,501)	JP 6,149,137
HU (EP 3,214,838)	IS (EP 3,051,815)	JP 6,149,138
ID P000038762	IS (EP 3,059,953)	JP 6,158,997
ID P000048728	IS (EP 3,059,956)	JP 6,158,998
ID P000049034	IS (EP 3,059,960)	JP 6,163,597
ID P000053686	IS (EP 3,125,552)	JP 6,163,598
ID P-201502216	IS (EP 3,125,553)	JP 6,242,978
IE (EP 2,563,020)	IS (EP 3,125,555)	JP 6,242,979
IE (EP 2,600,613)	IS (EP 3,125,561)	JP 6,242,980
IE (EP 2,608,541)	IS (EP 3,145,188)	JP 6,242,981
IE (EP 2,947,877) - Exp. Nov 1, 2023	IS (EP 3,197,160)	JP 6,322,231
IE (EP 2,947,878) - Exp. Nov 1, 2023	IS (EP 3,211,898)	JP 6,371,794
IE (EP 2,950,533) - Exp. Nov 1, 2023	IS (EP 3,211,899)	JP 6,371,796
IE (EP 2,950,534) - Exp. Nov 1, 2023	IS (EP 3,214,838)	JP 6,371,798
IE (EP 2,988,501)	IT (EP 2,563,020)	KR 1,476,117
IE (EP 3,051,815)	IT (EP 2,600,613)	KR 1,854,489
IE (EP 3,059,953)	IT (EP 2,608,541)	KR 2,164,752
IE (EP 3,059,956)	IT (EP 2,947,877)	KR 2,322,188
IE (EP 3,059,960)	IT (EP 2,947,878)	LI (EP 2,563,020)
IE (EP 3,125,552)	IT (EP 2,950,533)	LI (EP 2,600,613)
IE (EP 3,125,553)	IT (EP 2,950,534)	LI (EP 2,608,541)
IE (EP 3,125,555)	IT (EP 2,988,501)	LI (EP 2,947,877)
IE (EP 3,125,561)	IT (EP 3,051,815)	LI (EP 2,947,878)
IE (EP 3,145,188)	IT (EP 3,059,953)	LI (EP 2,950,533)
IE (EP 3,197,160)	IT (EP 3,059,956)	LI (EP 2,950,534)
IE (EP 3,211,898)	IT (EP 3,059,960)	LI (EP 2,988,501)
IE (EP 3,211,899)	IT (EP 3,125,552)	LI (EP 3,051,815)
IE (EP 3,214,838)	IT (EP 3,125,553)	LI (EP 3,059,953)
IL 222579	IT (EP 3,125,555)	LI (EP 3,059,956)
IL 233,840	IT (EP 3,125,561)	LI (EP 3,059,960)
IL 233,841	IT (EP 3,145,188)	LI (EP 3,125,552)
IL 246884	IT (EP 3,197,160)	LI (EP 3,125,553)
IL 246,886	IT (EP 3,211,898)	LI (EP 3,125,555)
IN 325,884	IT (EP 3,211,899)	LI (EP 3,125,561)
IN 337232	IT (EP 3,214,838)	LI (EP 3,145,188)
IN 355929	IT (EP 3,958,559)	LI (EP 3,197,160)
IN 374,641	IT (EP 3,958,560)	LI (EP 3,211,898)
IN 396417	IT (EP 3,958,562)	LI (EP 3,211,899)
IN 406105	IT (EP 3,958,563)	LI (EP 3,214,838)
IN 442240	JP 5,688,136	LI (EP 3,958,559)

LI (EP 3,958,560)	LV (EP 2,947,878) - Exp. Nov 1, 2023	MK (EP 3,059,960)
LI (EP 3,958,562)	LV (EP 2,950,533) - Exp. Nov 1, 2023	MK (EP 3,125,552)
LI (EP 3,958,563)	LV (EP 2,950,534) - Exp. Nov 1, 2023	MK (EP 3,125,553)
LT (EP 2,563,020) - Exp. Nov 1, 2023	LV (EP 2,988,501)	MK (EP 3,125,555)
LT (EP 2,600,613)	LV (EP 3,051,815)	MK (EP 3,125,561)
LT (EP 2,608,541)	LV (EP 3,059,953)	MK (EP 3,145,188)
LT (EP 2,947,877) - Exp. Nov 1, 2023	LV (EP 3,059,956)	MK (EP 3,197,160)
LT (EP 2,947,878) - Exp. Nov 1, 2023	LV (EP 3,059,960)	MK (EP 3,211,898)
LT (EP 2,950,533) - Exp. Nov 1, 2023	LV (EP 3,125,552)	MK (EP 3,211,899)
LT (EP 2,950,534) - Exp. Nov 1, 2023	LV (EP 3,125,553)	MK (EP 3,214,838)
LT (EP 2,988,501)	LV (EP 3,125,555)	MT (EP 2,563,020) - Exp. Nov 1, 2023
LT (EP 3,051,815)	LV (EP 3,125,561)	MT (EP 2,600,613)
LT (EP 3,059,953)	LV (EP 3,145,188)	MT (EP 2,608,541)
LT (EP 3,059,956)	LV (EP 3,197,160)	MT (EP 2,947,877) - Exp. Nov 1, 2023
LT (EP 3,059,960)	LV (EP 3,211,898)	MT (EP 2,947,878) - Exp. Nov 1, 2023
LT (EP 3,125,552)	LV (EP 3,211,899)	MT (EP 2,950,533) - Exp. Nov 1, 2023
LT (EP 3,125,553)	LV (EP 3,214,838)	MT (EP 2,950,534) - Exp. Nov 1, 2023
LT (EP 3,125,555)	MC (EP 2,563,020) - Exp. Nov 1, 2023	MT (EP 2,988,501)
LT (EP 3,125,561)	MC (EP 2,600,613)	MT (EP 3,051,815)
LT (EP 3,145,188)	MC (EP 2,608,541)	MT (EP 3,059,953)
LT (EP 3,197,160)	MC (EP 2,947,877) - Exp. Nov 1, 2023	MT (EP 3,059,956)
LT (EP 3,211,898)	MC (EP 2,947,878) - Exp. Nov 1, 2023	MT (EP 3,059,960)
LT (EP 3,211,899)	MC (EP 2,950,533) - Exp. Nov 1, 2023	MT (EP 3,125,552)
LT (EP 3,214,838)	MC (EP 2,950,534) - Exp. Nov 1, 2023	MT (EP 3,125,553)
LU (EP 2,563,020) - Exp. Nov 1, 2023	MC (EP 2,988,501)	MT (EP 3,125,555)
LU (EP 2,600,613)	MC (EP 3,051,815)	MT (EP 3,125,561)
LU (EP 2,608,541)	MC (EP 3,059,953)	MT (EP 3,145,188)
LU (EP 2,947,877) - Exp. Nov 1, 2023	MC (EP 3,059,956)	MT (EP 3,197,160)
LU (EP 2,947,878) - Exp. Nov 1, 2023	MC (EP 3,059,960)	MT (EP 3,211,898)
LU (EP 2,950,533) - Exp. Nov 1, 2023	MC (EP 3,125,552)	MT (EP 3,211,899)
LU (EP 2,950,534) - Exp. Nov 1, 2023	MC (EP 3,125,553)	MT (EP 3,214,838)
LU (EP 2,988,501)	MC (EP 3,125,555)	MX 320,440
LU (EP 3,051,815)	MC (EP 3,125,561)	MX 321,684
LU (EP 3,059,953)	MC (EP 3,145,188)	MX 327,747
LU (EP 3,059,956)	MC (EP 3,197,160)	MX 332,842
LU (EP 3,059,960)	MC (EP 3,211,898)	MX 332,845
LU (EP 3,125,552)	MC (EP 3,211,899)	MX 332,847
LU (EP 3,125,553)	MC (EP 3,214,838)	MX 332,848
LU (EP 3,125,555)	MK (EP 2,563,020) - Exp. Nov 1, 2023	MX 332,852
LU (EP 3,125,561)	MK (EP 2,600,613)	MX 336,417
LU (EP 3,145,188)	MK (EP 2,608,541)	MX 336,418
LU (EP 3,197,160)	MK (EP 2,947,877) - Exp. Nov 1, 2023	MX 336,419
LU (EP 3,211,898)	MK (EP 2,947,878) - Exp. Nov 1, 2023	MY-157593-A
LU (EP 3,211,899)	MK (EP 2,950,533) - Exp. Nov 1, 2023	MY-157877-A
LU (EP 3,214,838)	MK (EP 2,950,534) - Exp. Nov 1, 2023	MY-162148-A
LV (EP 2,563,020) - Exp. Nov 1, 2023	MK (EP 2,988,501)	MY-162149-A
LV (EP 2,600,613)	MK (EP 3,051,815)	MY-162154-A
LV (EP 2,608,541)	MK (EP 3,059,953)	NL (EP 2,563,020)
LV (EP 2,947,877) - Exp. Nov 1, 2023	MK (EP 3,059,956)	NL (EP 2,600,613)

NL (EP 2,608,541)	PE 365-2017	PT (EP 3,125,561)
NL (EP 2,947,877)	PE 366-2017	PT (EP 3,145,188)
NL (EP 2,947,878)	PE 2064-2012	PT (EP 3,197,160)
NL (EP 2,950,533)	PE 9303	PT (EP 3,211,898)
NL (EP 2,950,534)	PH 1/2012/502305	PT (EP 3,211,899)
NL (EP 2,988,501)	PH 1 2014 501183	PT (EP 3,214,838)
NL (EP 3,051,815)	PH 1 2014 501184	PT (EP 3,958,559)
NL (EP 3,059,953)	PH 1 2014 501185	PT (EP 3,958,560)
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NL (EP 3,059,960)	PL (EP 2,563,020)	PT (EP 3,958,563)
NL (EP 3,125,552)	PL (EP 2,600,613)	RO (EP 2,563,020) - Exp. Nov 1, 2023
NL (EP 3,125,553)	PL (EP 2,608,541)	RO (EP 2,600,613)
NL (EP 3,125,555)	PL (EP 2,947,877)	RO (EP 2,608,541)
NL (EP 3,125,561)	PL (EP 2,947,878)	RO (EP 2,947,877) - Exp. Nov 1, 2023
NL (EP 3,145,188)	PL (EP 2,950,533)	RO (EP 2,947,878) - Exp. Nov 1, 2023
NL (EP 3,197,160)	PL (EP 2,950,534)	RO (EP 2,950,533) - Exp. Nov 1, 2023
NL (EP 3,211,898)	PL (EP 2,988,501)	RO (EP 2,950,534) - Exp. Nov 1, 2023
NL (EP 3,211,899)	PL (EP 3,051,815)	RO (EP 2,988,501)
NL (EP 3,214,838)	PL (EP 3,059,953)	RO (EP 3,051,815)
NL (EP 3,958,559)	PL (EP 3,059,956)	RO (EP 3,059,953)
NL (EP 3,958,560)	PL (EP 3,059,960)	RO (EP 3,059,956)
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**SungKyunKwan University
Research & Business Foundation**

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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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AT (EP 2,672,708)	CH (EP 2,840,791)	CN 107580231
AT (EP 2,806,637)	CH (EP 3,217,665)	CN 107888927
AT (EP 2,840,788)	CH (EP 3,343,920)	CN 108055547
AT (EP 2,840,791)	CH (EP 3,346,705)	CN 108055549
AT (EP 3,448,035)	CH (EP 3,346,706)	CN 108124161
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JP 5,674,752	JP 6,874,032	KR 1,627,085
JP 5,756,537	JP 6,949,168	KR 1,633,746
JP 5,886,446	JP 7,053,696	KR 1,640,583
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JP 5,933,815	JP 7,111,859	KR 1,673,290
JP 5,976,793	JP 7,138,754	KR 1,673,291
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JP 6,005,762	KR 1,196,920	KR 1,678,409
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JP 6,140,269	KR 1,277,093	KR 1,691,902
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JP 6,224,163	KR 1,435,557	KR 1,722,988
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JP 6,422,922	KR 1,451,918	KR 1,744,024
JP 6,445,623	KR 1,451,919	KR 1,755,535
JP 6,449,203	KR 1,451,920	KR 1,791,076
JP 6,495,359	KR 1,451,921	KR 1,822,474
JP 6,517,152	KR 1,456,279	KR 1,822,475
JP 6,549,189	KR 1,461,498	KR 1,835,834
JP 6,549,282	KR 1,461,499	KR 1,843,565
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JP 6,550,429	KR 1,461,501	KR 1,853,635
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JP 6,556,904	KR 1,488,494	KR 1,874,015
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JP 6,556,906	KR 1,488,497	KR 1,885,772
JP 6,556,907	KR 1,488,498	KR 1,894,557
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JP 6,574,011	KR 1,502,758	KR 1,904,237
JP 6,574,012	KR 1,510,115	KR 1,904,242
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KR 1,973,559	KR 2,404,417	MO J/004255
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KR 1,979,681	LI (EP 2,840,791)	MO J/005367
KR 1,995,908	LI (EP 3,217,665)	MO J/005387
KR 1,995,915	LI (EP 3,343,920)	MO J/005443
KR 1,998,390	LI (EP 3,346,705)	MO J/005476
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TW I662831	<u>Telecommunications Research</u>	KR 1,559,523
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US 9,497,465	<u>Group of Kyung Hee University</u>	KR 1,593,126
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DE (EP 2,802,146)	EE (EP 3,833,024)	FR (EP 2,838,261)
DE (EP 2,833,632)	ES (EP 2,717,574)	FR (EP 2,981,087)
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GB (EP 2,833,632)	HU (EP 3,419,290)	IN 322,135
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JP 6,094,657	KR 1,681,011	LV (EP 3,833,024)
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NG/PT/C/2015/1217	PL (EP 2,793,467)	RU 2606399
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PH 1-2017-500788	RU 2582864	SE (EP 2,717,574)
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VN 31598
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**Korea Advanced Institute of
Science and Technology
(KAIST) and Korean
Broadcasting System (KBS)
(terminated January 2, 2020)**

CN 105959689
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JP 6,164,600
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US 9,485,512
US 9,838,719
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**KPIC Ltd. (terminated
September 5, 2021)**

KR 731,884

**Kwangwoon University Industry
- Academic Collaboration
Foundation (terminated January
2, 2020)**

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

AU 2011333238
AU 2012226120
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KR 1,764,235	LI (EP 2,988,500)	NL (EP 2,549,758)
KR 1,770,662	LI (EP 2,996,334)	NL (EP 2,594,076)
KR 1,772,183	LI (EP 3,232,666)	NL (EP 2,656,507)
KR 1,773,990	LU (EP 2,268,035)	NL (EP 2,663,077)
KR 1,788,732	MC (EP 1,504,408)	NL (EP 2,770,737)
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KR 1,809,187	MX 318,034	NL (EP 2,934,008)
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CZ (EP 2,713,618)	DE (EP 2,452,494)	DE (EP 2,953,356)
CZ (EP 2,744,204)	DE (EP 2,489,186)	DE (EP 2,986,003)
CZ (EP 2,773,109)	DE (EP 2,510,698)	DE (EP 2,996,337)
CZ (EP 2804383)	DE (EP 2,545,710)	DE (EP 2,996,340)
CZ (EP 2,811,745)	DE (EP 2545713)	DE (EP 2,996,341)
CZ (EP 2,838,267)	DE (EP 2,580,912)	DE (EP 2,996,342)
CZ (EP 2,838,270)	DE (EP 2,592,832)	DE (EP 2,999,224)

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DK (EP 2,510,698)	DK (EP 2,996,340)	ES (EP 2,811,745)
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DK (EP 2545713)	DK (EP 2,996,342)	ES (EP 2,838,270)
DK (EP 2,580,912)	DK (EP 2,999,224)	ES (EP 2,840,789)
DK (EP 2,592,832)	DK (EP 2,999,227)	ES (EP 2,858,366)
DK (EP 2,594,075)	DK (EP 3,059,708)	ES (EP 2,860,980)
DK (EP 2,608,539)	DK (EP 3,101,900)	ES (EP 2,863,639)
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DK (EP 2712200)	DK (EP 3,282,707)	ES (EP 2,897,365)
DK (EP 2713617)	EE (EP 2,452,494)	ES (EP 2,899,979)
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DK (EP 2,811,745)	EE (EP 2665267)	ES (EP 2,908,525)
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DK (EP 2,884,749)	ES (EP 2,452,494)	ES (EP 2,986,003)
DK (EP 2,887,670)	ES (EP 2,489,186)	ES (EP 2,996,337)
DK (EP 2,890,123)	ES (EP 2,510,698)	ES (EP 2,996,340)
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DK (EP 2,899,979)	ES (EP 2,580,912)	ES (EP 2,999,224)
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ES (EP 3,059,708)	FI (EP 2,903,279)	FR (EP 2,773,109)
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ES (EP 3,104,616)	FI (EP 2,911,398)	FR (EP 2,838,267)
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ES (EP 3,136,729)	FI (EP 2,924,996)	FR (EP 2,858,366)
ES (EP 3,232,664)	FI (EP 2,940,996)	FR (EP 2,860,980)
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FI (EP 2,443,833)	FI (EP 2,953,355)	FR (EP 2,869,563)
FI (EP 2,452,493)	FI (EP 2,953,356)	FR (EP 2,882,188)
FI (EP 2,452,494)	FI (EP 2,986,003)	FR (EP 2,884,749)
FI (EP 2,489,186)	FI (EP 2,996,337)	FR (EP 2,887,670)
FI (EP 2,510,698)	FI (EP 2,996,340)	FR (EP 2,890,123)
FI (EP 2,545,710)	FI (EP 2,996,341)	FR (EP 2,897,364)
FI (EP 2545713)	FI (EP 2,996,342)	FR (EP 2,897,365)
FI (EP 2,580,912)	FI (EP 2,999,224)	FR (EP 2,899,979)
FI (EP 2,592,832)	FI (EP 2,999,227)	FR (EP 2,903,273)
FI (EP 2,594,075)	FI (EP 3,059,708)	FR (EP 2,903,274)
FI (EP 2,608,539)	FI (EP 3,101,900)	FR (EP 2,903,279)
FI (EP 2,629,527)	FI (EP 3,101,901)	FR (EP 2,905,962)
FI (EP 2,629,528)	FI (EP 3,104,616)	FR (EP 2,908,525)
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FI (EP 2,713,618)	FR (EP 2,452,493)	FR (EP 2,953,355)
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FI (EP 2,838,270)	FR (EP 2,580,912)	FR (EP 2,996,342)
FI (EP 2,840,789)	FR (EP 2,592,832)	FR (EP 2,999,224)
FI (EP 2,858,366)	FR (EP 2,594,075)	FR (EP 2,999,227)
FI (EP 2,860,980)	FR (EP 2,608,539)	FR (EP 3,059,708)
FI (EP 2,863,639)	FR (EP 2,629,527)	FR (EP 3,101,900)
FI (EP 2,869,563)	FR (EP 2,629,528)	FR (EP 3,101,901)
FI (EP 2,882,188)	FR (EP 2,640,076)	FR (EP 3,104,616)
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ID P000051686	IE (EP 2,443,833)	IE (EP 2,953,355)
ID P000052017	IE (EP 2,452,493)	IE (EP 2,953,356)
ID P000052111	IE (EP 2,452,494)	IE (EP 2,986,003)
ID P000052232	IE (EP 2,489,186)	IE (EP 2,996,337)
ID P000052381	IE (EP 2,510,698)	IE (EP 2,996,340)
ID P000053015	IE (EP 2,545,710)	IE (EP 2,996,341)
ID P000053016	IE (EP 2545713)	IE (EP 2,996,342)
ID P000053017	IE (EP 2,580,912)	IE (EP 2,999,224)
ID P000053118	IE (EP 2,592,832)	IE (EP 2,999,227)
ID P000053195	IE (EP 2,594,075)	IE (EP 3,059,708)
ID P000053300	IE (EP 2,608,539)	IE (EP 3,101,900)
ID P000053386	IE (EP 2,629,527)	IE (EP 3,101,901)
ID P000053644	IE (EP 2,629,528)	IE (EP 3,104,616)
ID P000053659	IE (EP 2,640,076)	IE (EP 3,104,617)
ID P000053784	IE (EP 2665267)	IE (EP 3,136,728)
ID P000054082	IE (EP 2,665,268)	IE (EP 3,136,729)
ID P000054101	IE (EP 2,712,198)	IE (EP 3,232,664)
ID P000054142	IE (EP 2712200)	IE (EP 3,282,707)
ID P000054251	IE (EP 2713617)	IL 224195
ID P000054260	IE (EP 2,713,618)	IL 224737
ID P000054419	IE (EP 2,744,204)	IL 243,289
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ID P000054691	IE (EP 2804383)	IL 244,567
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ID P000054963	IE (EP 2,838,267)	IL 248556
ID P000055078	IE (EP 2,838,270)	IL 248558
ID W-00201200066	IE (EP 2,840,789)	IL 248559
ID W00201200067	IE (EP 2,858,366)	IN 203,511
ID W-00201200954	IE (EP 2,860,980)	IN 268596
ID W00201200971	IE (EP 2,863,639)	IN 303972
ID W-00201202678	IE (EP 2,869,563)	IN 308,002
ID W-00201204522	IE (EP 2,882,188)	IN 308,280
ID W-00201204524	IE (EP 2,884,749)	IN 312,484
ID W-00201204527	IE (EP 2,887,670)	IN 312,534
ID W-00201204696	IE (EP 2,890,123)	IN 314458
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IS (EP 2804383)	IT (EP 2,940,996)	JP 5,753,328
IS (EP 2,999,227)	IT (EP 2,940,997)	JP 5,756,106
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IT (EP 2713617)	JP 4,722,424	KR 1,456,498
IT (EP 2,713,618)	JP 5,205,441	KR 1,456,499
IT (EP 2,744,204)	JP 5,566,446	KR 1,456,500
IT (EP 2,773,109)	JP 5,571,827	KR 1,457,396
IT (EP 2804383)	JP 5,620,554	KR 1,457,397
IT (EP 2,811,745)	JP 5,620,555	KR 1,457,398
IT (EP 2,838,267)	JP 5,620,587	KR 1,457,399
IT (EP 2,838,270)	JP 5,624,178	KR 1,457,418
IT (EP 2,840,789)	JP 5,624,179	KR 1,457,419
IT (EP 2,858,366)	JP 5,632,515	KR 1,457,894
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IT (EP 2,899,979)	JP 5,711,248	KR 1,487,687
IT (EP 2,903,273)	JP 5,718,363	KR 1,493,698
IT (EP 2,903,274)	JP 5,727,114	KR 1,493,699
IT (EP 2,903,279)	JP 5,727,115	KR 1,495,724
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IT (EP 2,908,525)	JP 5,738,991	KR 1,503,269
IT (EP 2,911,398)	JP 5,739,571	KR 1,503,270
IT (EP 2,911,399)	JP 5,746,169	KR 1,507,811
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KR 1,522,850	LI (EP 2,858,366)	LT (EP 2,592,832)
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KR 1,529,992	LI (EP 2,863,639)	LT (EP 2,608,539)
KR 1,529,993	LI (EP 2,869,563)	LT (EP 2,629,527)
KR 1,529,994	LI (EP 2,882,188)	LT (EP 2,629,528)
KR 1,530,284	LI (EP 2,884,749)	LT (EP 2,640,076)
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KR 1,531,170	LI (EP 2,890,123)	LT (EP 2,665,268)
KR 1,539,235	LI (EP 2,897,364)	LT (EP 2,712,198)
KR 1,552,909	LI (EP 2,897,365)	LT (EP 2712200)
KR 1,564,423	LI (EP 2,899,979)	LT (EP 2713617)
KR 1,575,004	LI (EP 2,903,273)	LT (EP 2,713,618)
KR 1,575,005	LI (EP 2,903,274)	LT (EP 2,744,204)
KR 1,575,006	LI (EP 2,903,279)	LT (EP 2,773,109)
KR 1,598,142	LI (EP 2,905,962)	LT (EP 2804383)
KR 1,604,032	LI (EP 2,908,525)	LT (EP 2,811,745)
KR 1,624,649	LI (EP 2,911,398)	LT (EP 2,838,267)
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KR 1,678,572	LI (EP 2,911,400)	LT (EP 2,840,789)
KR 1,703,327	LI (EP 2,924,996)	LT (EP 2,858,366)
KR 1,768,207	LI (EP 2,940,996)	LT (EP 2,860,980)
KR 1,821,703	LI (EP 2,940,997)	LT (EP 2,863,639)
LI (EP 2,443,833)	LI (EP 2,953,355)	LT (EP 2,869,563)
LI (EP 2,452,493)	LI (EP 2,953,356)	LT (EP 2,882,188)
LI (EP 2,452,494)	LI (EP 2,986,003)	LT (EP 2,884,749)
LI (EP 2,489,186)	LI (EP 2,996,337)	LT (EP 2,887,670)
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LI (EP 2,545,710)	LI (EP 2,996,341)	LT (EP 2,897,364)
LI (EP 2545713)	LI (EP 2,996,342)	LT (EP 2,897,365)
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LI (EP 2,592,832)	LI (EP 2,999,227)	LT (EP 2,903,273)
LI (EP 2,594,075)	LI (EP 3,059,708)	LT (EP 2,903,274)
LI (EP 2,608,539)	LI (EP 3,101,900)	LT (EP 2,903,279)
LI (EP 2,629,527)	LI (EP 3,101,901)	LT (EP 2,905,962)
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LI (EP 2,640,076)	LI (EP 3,104,617)	LT (EP 2,911,398)
LI (EP 2665267)	LI (EP 3,136,728)	LT (EP 2,911,399)
LI (EP 2,665,268)	LI (EP 3,136,729)	LT (EP 2,911,400)
LI (EP 2,712,198)	LI (EP 3,232,664)	LT (EP 2,924,996)
LI (EP 2712200)	LI (EP 3,282,707)	LT (EP 2,940,996)
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LI (EP 2,744,204)	LT (EP 2,452,493)	LT (EP 2,953,356)
LI (EP 2,773,109)	LT (EP 2,452,494)	LT (EP 2,986,003)
LI (EP 2804383)	LT (EP 2,489,186)	LT (EP 2,996,337)
LI (EP 2,811,745)	LT (EP 2,510,698)	LT (EP 2,996,340)
LI (EP 2,838,267)	LT (EP 2,545,710)	LT (EP 2,996,341)
LI (EP 2,838,270)	LT (EP 2545713)	LT (EP 2,996,342)

LT (EP 2,999,224)	LU (EP 2,903,273)	LV (EP 2,744,204)
LT (EP 2,999,227)	LU (EP 2,903,274)	LV (EP 2,773,109)
LT (EP 3,059,708)	LU (EP 2,903,279)	LV (EP 2804383)
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LU (EP 2,510,698)	LU (EP 2,996,340)	LV (EP 2,897,364)
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LU (EP 2545713)	LU (EP 2,996,342)	LV (EP 2,899,979)
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LU (EP 2,640,076)	LU (EP 3,104,617)	LV (EP 2,911,399)
LU (EP 2665267)	LU (EP 3,136,728)	LV (EP 2,911,400)
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LU (EP 2,884,749)	LV (EP 2665267)	LV (EP 3,136,728)
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LU (EP 2,897,365)	LV (EP 2713617)	MC (EP 2,452,494)
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MC (EP 2665267)	MK (EP 2,908,525)	MX 318037
MC (EP 2,665,268)	MK (EP 2,911,398)	MX 318519
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MK (EP 2713617)	MT (EP 2545713)	MX 320,458
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MK (EP 2804383)	MT (EP 2665267)	MX 322,645
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MX 324,188	MX 338,670	MY-168325-A
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MX 326,317	MX 339,850	MY PI2012000404
MX 326536	MX 342394	MY PI2013000136
MX 326542	MX 346,561	MY PI2013004676
MX 327389	MX 347,473	MY PI2016001179
MX 327425	MY 153787A	MY PI2016001180
MX 327687	MY-153844-A	MY PI2016001181
MX 328193	MY 154147A	MY PI2016001182
MX 328501	MY-154665-A	NL (EP 2,443,833)
MX 329311	MY-154795-A	NL (EP 2,452,493)
MX 329314	MY 155120-A	NL (EP 2,452,494)
MX 330592	MY-155121-4	NL (EP 2,489,186)
MX 330593	MY 155173-A	NL (EP 2,510,698)
MX 331,014	MY-155175-A	NL (EP 2,545,710)
MX 331163	MY-155333-A	NL (EP 2545713)
MX 332082	MY-155335-A	NL (EP 2,580,912)
MX 332084	MY 155891-A	NL (EP 2,592,832)
MX 332,245	MY-156223-A	NL (EP 2,594,075)
MX 332,577	MY-157499-A	NL (EP 2,608,539)
MX 332673	MY-157501-A	NL (EP 2,629,527)
MX 332,916	MY-157778-A	NL (EP 2,629,528)
MX 332,917	MY 160578-A	NL (EP 2,640,076)
MX 332,918	MY 160838-A	NL (EP 2665267)
MX 333,204	MY 163448-A	NL (EP 2,665,268)
MX 333,205	MY 163803-A	NL (EP 2,712,198)
MX 333,206	MY 163978-A	NL (EP 2712200)
MX 333,207	MY 163989-A	NL (EP 2713617)
MX 334,249	MY 164252-A	NL (EP 2,713,618)
MX 334,251	MY 164266-A	NL (EP 2,744,204)
MX 334,592	MY 164324-A	NL (EP 2,773,109)
MX 335,118	MY 164871-A	NL (EP 2804383)
MX 335,159	MY 165372-A	NL (EP 2,811,745)
MX 335,160	MY 165375-A	NL (EP 2,838,267)
MX 336,117	MY 165376-A	NL (EP 2,838,270)
MX 336,301	MY 165529-A	NL (EP 2,840,789)
MX 336,302	MY 165841-A	NL (EP 2,858,366)
MX 336,303	MY 165858-A	NL (EP 2,860,980)
MX 336,371	MY 165859-A	NL (EP 2,863,639)
MX 336,876	MY 165981-A	NL (EP 2,869,563)
MX 336,877	MY 166069-A	NL (EP 2,882,188)
MX 337,142	MY 166149-A	NL (EP 2,884,749)
MX 337,143	MY 166200-A	NL (EP 2,887,670)
MX 337,144	MY 166893-A	NL (EP 2,890,123)
MX 337,230	MY 167146-A	NL (EP 2,897,364)
MX 337,232	MY-167815-A	NL (EP 2,897,365)
MX 337,235	MY-168314-A	NL (EP 2,899,979)
MX 337921	MY-168315-A	NL (EP 2,903,273)
MX 338,669	MY 168324-A	NL (EP 2,903,274)

NL (EP 2,903,279)	NO (EP 2804383)	NZ 705192
NL (EP 2,905,962)	NO (EP 2,811,745)	PH 1-2012-501423
NL (EP 2,908,525)	NO (EP 2,838,267)	PH 1-2012-501442
NL (EP 2,911,398)	NO (EP 2,838,270)	PH 1-2012-501444
NL (EP 2,911,399)	NO (EP 2,840,789)	PH 1-2012-501455
NL (EP 2,911,400)	NO (EP 2,858,366)	PH 1-2013-500058
NL (EP 2,924,996)	NO (EP 2,860,980)	PH 1-2013-500059
NL (EP 2,940,996)	NO (EP 2,863,639)	PH 1-2013-500062
NL (EP 2,940,997)	NO (EP 2,869,563)	PH 1-2013-500073
NL (EP 2,953,355)	NO (EP 2,882,188)	PH 1-2013-500312
NL (EP 2,953,356)	NO (EP 2,884,749)	PH 1-2013-501325
NL (EP 2,986,003)	NO (EP 2,887,670)	PH 1-2014-500009
NL (EP 2,996,337)	NO (EP 2,890,123)	PH 1-2014-500012
NL (EP 2,996,340)	NO (EP 2,897,364)	PH 1-2014-500013
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NL (EP 2,996,342)	NO (EP 2,899,979)	PH 1-2014-500018
NL (EP 2,999,224)	NO (EP 2,903,273)	PH 1-2014-500945
NL (EP 2,999,227)	NO (EP 2,903,274)	PH 1-2014-501262
NL (EP 3,059,708)	NO (EP 2,903,279)	PH 1-2014-502262
NL (EP 3,101,900)	NO (EP 2,905,962)	PH 1-2014-502315
NL (EP 3,101,901)	NO (EP 2,908,525)	PH 1-2014-502761
NL (EP 3,104,616)	NO (EP 2,911,398)	PH 1-2015-500121
NL (EP 3,104,617)	NO (EP 2,911,399)	PH 1-2015-500255
NL (EP 3,136,728)	NO (EP 2,911,400)	PH 1-2015-500256
NL (EP 3,136,729)	NO (EP 2,924,996)	PH 1-2015-500257
NL (EP 3,232,664)	NO (EP 2,940,996)	PH 1-2015-500302
NL (EP 3,282,707)	NO (EP 2,940,997)	PH 1-2015-500303
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NO (EP 2545713)	NO (EP 2,996,342)	PH 1-2015-500840
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NO (EP 2713617)	NZ 606080	PH 1-2015-501078
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NO (EP 2,773,109)	NZ 705190	PH 1-2016-500445

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PH 1-2016-500451	PL (EP 2,811,745)	PT (EP 2,545,710)
PH 1-2016-500452	PL (EP 2,838,267)	PT (EP 2545713)
PH 1-2016-501350	PL (EP 2,838,270)	PT (EP 2,580,912)
PH 1-2016-501351	PL (EP 2,840,789)	PT (EP 2,592,832)
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PH 1-2016-501427	PL (EP 2,860,980)	PT (EP 2,608,539)
PH 1-2016-501428	PL (EP 2,863,639)	PT (EP 2,629,527)
PH 1-2016-501429	PL (EP 2,869,563)	PT (EP 2,629,528)
PH 1-2016-501592	PL (EP 2,882,188)	PT (EP 2,640,076)
PH 1-2016-501593	PL (EP 2,884,749)	PT (EP 2665267)
PH 1-2016-501594	PL (EP 2,887,670)	PT (EP 2,665,268)
PH 1-2016-502374	PL (EP 2,890,123)	PT (EP 2,712,198)
PH 1-2016-502375	PL (EP 2,897,364)	PT (EP 2712200)
PH 1-2016-502376	PL (EP 2,897,365)	PT (EP 2713617)
PH 1-2016-502377	PL (EP 2,899,979)	PT (EP 2,713,618)
PH 1-2016-502410	PL (EP 2,903,273)	PT (EP 2,744,204)
PH 1-2016-502412	PL (EP 2,903,274)	PT (EP 2,773,109)
PH 1-2016-502413	PL (EP 2,903,279)	PT (EP 2804383)
PH 1-2017-500038	PL (EP 2,905,962)	PT (EP 2,811,745)
PH 1-2017-500039	PL (EP 2,908,525)	PT (EP 2,838,267)
PH 1-2017-501634	PL (EP 2,911,398)	PT (EP 2,838,270)
PH 1-2017-501635	PL (EP 2,911,399)	PT (EP 2,840,789)
PH 1-2017-501637	PL (EP 2,911,400)	PT (EP 2,858,366)
PH 1-2017-501638	PL (EP 2,924,996)	PT (EP 2,860,980)
PH 1-2017-501639	PL (EP 2,940,996)	PT (EP 2,863,639)
PH 1-2017-501640	PL (EP 2,940,997)	PT (EP 2,869,563)
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PL (EP 2,452,493)	PL (EP 2,953,356)	PT (EP 2,887,670)
PL (EP 2,452,494)	PL (EP 2,986,003)	PT (EP 2,890,123)
PL (EP 2,489,186)	PL (EP 2,996,337)	PT (EP 2,897,364)
PL (EP 2,510,698)	PL (EP 2,996,340)	PT (EP 2,897,365)
PL (EP 2,545,710)	PL (EP 2,996,341)	PT (EP 2,899,979)
PL (EP 2545713)	PL (EP 2,996,342)	PT (EP 2,903,273)
PL (EP 2,580,912)	PL (EP 2,999,224)	PT (EP 2,903,274)
PL (EP 2,592,832)	PL (EP 2,999,227)	PT (EP 2,903,279)
PL (EP 2,594,075)	PL (EP 3,059,708)	PT (EP 2,905,962)
PL (EP 2,608,539)	PL (EP 3,101,900)	PT (EP 2,908,525)
PL (EP 2,629,527)	PL (EP 3,101,901)	PT (EP 2,911,398)
PL (EP 2,629,528)	PL (EP 3,104,616)	PT (EP 2,911,399)
PL (EP 2,640,076)	PL (EP 3,104,617)	PT (EP 2,911,400)
PL (EP 2665267)	PL (EP 3,136,728)	PT (EP 2,924,996)
PL (EP 2,665,268)	PL (EP 3,136,729)	PT (EP 2,940,996)
PL (EP 2,712,198)	PL (EP 3,232,664)	PT (EP 2,940,997)
PL (EP 2712200)	PL (EP 3,282,707)	PT (EP 2,953,355)
PL (EP 2713617)	PT (EP 2,443,833)	PT (EP 2,953,356)
PL (EP 2,713,618)	PT (EP 2,452,493)	PT (EP 2,986,003)
PL (EP 2,744,204)	PT (EP 2,452,494)	PT (EP 2,996,337)

PT (EP 2,996,340)	RO (EP 2,897,365)	RS (EP 2,869,563)
PT (EP 2,996,341)	RO (EP 2,899,979)	RS (EP 2,884,749)
PT (EP 2,996,342)	RO (EP 2,903,273)	RS (EP 2,887,670)
PT (EP 2,999,224)	RO (EP 2,903,274)	RS (EP 2,897,364)
PT (EP 2,999,227)	RO (EP 2,903,279)	RS (EP 2,897,365)
PT (EP 3,059,708)	RO (EP 2,905,962)	RS (EP 2,899,979)
PT (EP 3,101,900)	RO (EP 2,908,525)	RS (EP 2,903,273)
PT (EP 3,101,901)	RO (EP 2,911,398)	RS (EP 2,903,274)
PT (EP 3,104,616)	RO (EP 2,911,399)	RS (EP 2,903,279)
PT (EP 3,104,617)	RO (EP 2,911,400)	RS (EP 2,905,962)
PT (EP 3,136,728)	RO (EP 2,924,996)	RS (EP 2,908,525)
PT (EP 3,136,729)	RO (EP 2,940,996)	RS (EP 2,924,996)
PT (EP 3,232,664)	RO (EP 2,940,997)	RS (EP 2,940,996)
PT (EP 3,282,707)	RO (EP 2,953,355)	RS (EP 2,940,997)
RO (EP 2,443,833)	RO (EP 2,953,356)	RS (EP 2,953,355)
RO (EP 2,452,493)	RO (EP 2,986,003)	RS (EP 2,953,356)
RO (EP 2,452,494)	RO (EP 2,996,337)	RS (EP 2,986,003)
RO (EP 2,489,186)	RO (EP 2,996,340)	RS (EP 2,996,337)
RO (EP 2,510,698)	RO (EP 2,996,341)	RS (EP 2,996,340)
RO (EP 2,545,710)	RO (EP 2,996,342)	RS (EP 2,996,341)
RO (EP 2545713)	RO (EP 2,999,224)	RS (EP 2,996,342)
RO (EP 2,580,912)	RO (EP 2,999,227)	RS (EP 2,999,224)
RO (EP 2,592,832)	RO (EP 3,059,708)	RS (EP 2,999,227)
RO (EP 2,594,075)	RO (EP 3,101,900)	RS (EP 3,059,708)
RO (EP 2,608,539)	RO (EP 3,101,901)	RS (EP 3,101,900)
RO (EP 2,629,527)	RO (EP 3,104,616)	RS (EP 3,101,901)
RO (EP 2,629,528)	RO (EP 3,104,617)	RS (EP 3,104,616)
RO (EP 2,640,076)	RO (EP 3,136,728)	RS (EP 3,104,617)
RO (EP 2665267)	RO (EP 3,136,729)	RS (EP 3,136,728)
RO (EP 2,665,268)	RO (EP 3,232,664)	RS (EP 3,136,729)
RO (EP 2,712,198)	RO (EP 3,282,707)	RS (EP 3,232,664)
RO (EP 2712200)	RS (EP 2,489,186)	RS (EP 3,282,707)
RO (EP 2713617)	RS (EP 2,510,698)	RU 2276472
RO (EP 2,713,618)	RS (EP 2,545,710)	RU 2490815
RO (EP 2,744,204)	RS (EP 2545713)	RU 2493669
RO (EP 2,773,109)	RS (EP 2,580,912)	RU 2509435
RO (EP 2804383)	RS (EP 2,592,832)	RU 2509436
RO (EP 2,811,745)	RS (EP 2,594,075)	RU 2510945
RO (EP 2,838,267)	RS (EP 2,608,539)	RU 2513707
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RO (EP 2,840,789)	RS (EP 2,629,528)	RU 2514777
RO (EP 2,858,366)	RS (EP 2,744,204)	RU 2514927
RO (EP 2,860,980)	RS (EP 2,773,109)	RU 2514929
RO (EP 2,863,639)	RS (EP 2,811,745)	RU 2515226
RO (EP 2,869,563)	RS (EP 2,838,267)	RU 2516444
RO (EP 2,884,749)	RS (EP 2,838,270)	RU 2517193
RO (EP 2,887,670)	RS (EP 2,840,789)	RU 2517253
RO (EP 2,890,123)	RS (EP 2,858,366)	RU 2517293
RO (EP 2,897,364)	RS (EP 2,860,980)	RU 2517404

RU 2518635	RU 2,595,576	RU 2,620,718
RU 2,518,718	RU 2595578	RU 2,621,008
RU 2519280	RU 2,595,596	RU 2,624,578
RU 2,523,126	RU 2,595,602	RU 2,627,033
RU 2526861	RU 2,595,607	RU 2,627,036
RU 2528132	RU 2,595,609	RU 2,627,294
RU 2530252	RU 2,595,610	RU 2,628,123
RU 2530341	RU 2,595,756	RU 2,632,139
RU 2540842	RU 2,595,946	RU 2,632,409
RU 2542884	RU 2,595,947	RU 2,635,877
RU 2543519	RU 2,595,949	RU 2,635,893
RU 2546619	RU 2,595,950	RU 2,636,100
RU 2547707	RU 2,597,484	RU 2,636,672
RU 2551794	RU 2597494	RU 2,637,881
RU 2554555	RU 2,597,521	RU 2,638,742
RU 2555236	RU 2,600,534	RU 2,639,691
RU 2559737	RU 2601180	RU 2,639,946
RU 2559738	RU 2,602,383	RU 2,640,719
RU 2559740	RU 2,602,784	RU 2,642,387
RU 2559743	RU 2,603,539	RU 2,643,497
RU 2559751	RU 2,603,541	RU 2,652,505
RU 2559753	RU 2,603,543	SE (EP 2,443,833)
RU 2559757	RU 2,604,997	SE (EP 2,452,493)
RU 2559758	RU 2,605,362	SE (EP 2,452,494)
RU 2564631	RU 2,605,915	SE (EP 2,489,186)
RU 2566955	RU 2,607,233	SE (EP 2,510,698)
RU 2566956	RU 2,607,247	SE (EP 2,545,710)
RU 2566957	RU 2,607,249	SE (EP 2545713)
RU 2566973	RU 2,607,250	SE (EP 2,580,912)
RU 2569807	RU 2,607,254	SE (EP 2,592,832)
RU 2569808	RU 2,607,255	SE (EP 2,594,075)
RU 2573193	RU 2,607,256	SE (EP 2,608,539)
RU 2575868	RU 2,607,257	SE (EP 2,629,527)
RU 2575982	RU 2,608,263	SE (EP 2,629,528)
RU 2575983	RU 2,608,264	SE (EP 2,640,076)
RU 2575990	RU 2,608,353	SE (EP 2665267)
RU 2577182	RU 2,608,465	SE (EP 2,665,268)
RU 2579441	RU 2,608,877	SE (EP 2,712,198)
RU 2579989	RU 2,609,077	SE (EP 2712200)
RU 2580057	RU 2,609,749	SE (EP 2713617)
RU 2580472	RU 2,609,750	SE (EP 2,713,618)
RU 2581553	RU 2,612,611	SE (EP 2,744,204)
RU 2582572	RU 2,612,612	SE (EP 2,773,109)
RU 2586001	RU 2,612,613	SE (EP 2804383)
RU 2586035	RU 2,612,614	SE (EP 2,811,745)
RU 2586321	RU 2,612,624	SE (EP 2,838,267)
RU 2589382	RU 2,614,544	SE (EP 2,838,270)
RU 2594291	RU 2,618,511	SE (EP 2,840,789)
RU 2595262	RU 2619706	SE (EP 2,858,366)

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SE (EP 2,903,279)	SG 10201503383P	SI (EP 2,903,273)
SE (EP 2,905,962)	SG 10201503487V	SI (EP 2,903,274)
SE (EP 2,908,525)	SG 10201503492W	SI (EP 2,903,279)
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SE (EP 2,986,003)	SI (EP 2,443,833)	SI (EP 2,953,355)
SE (EP 2,996,337)	SI (EP 2,452,493)	SI (EP 2,953,356)
SE (EP 2,996,340)	SI (EP 2,452,494)	SI (EP 2,986,003)
SE (EP 2,996,341)	SI (EP 2,489,186)	SI (EP 2,996,337)
SE (EP 2,996,342)	SI (EP 2,510,698)	SI (EP 2,996,340)
SE (EP 2,999,224)	SI (EP 2,545,710)	SI (EP 2,996,341)
SE (EP 2,999,227)	SI (EP 2545713)	SI (EP 2,996,342)
SE (EP 3,059,708)	SI (EP 2,580,912)	SI (EP 2,999,224)
SE (EP 3,101,900)	SI (EP 2,592,832)	SI (EP 2,999,227)
SE (EP 3,101,901)	SI (EP 2,594,075)	SI (EP 3,059,708)
SE (EP 3,104,616)	SI (EP 2,608,539)	SI (EP 3,101,900)
SE (EP 3,104,617)	SI (EP 2,629,527)	SI (EP 3,101,901)
SE (EP 3,136,728)	SI (EP 2,629,528)	SI (EP 3,104,616)
SE (EP 3,136,729)	SI (EP 2,640,076)	SI (EP 3,104,617)
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SG 182491	SI (EP 2712200)	SI (EP 3,282,707)
SG 186970	SI (EP 2713617)	SK (EP 2,443,833)
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SG 187860	SI (EP 2804383)	SK (EP 2,510,698)
SG 192511	SI (EP 2,811,745)	SK (EP 2,545,710)
SG 192512	SI (EP 2,838,267)	SK (EP 2545713)
SG 195593	SI (EP 2,838,270)	SK (EP 2,580,912)

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SK (EP 2,594,075)	SK (EP 3,059,708)	TR (EP 2,860,980)
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SK (EP 2712200)	SK (EP 3,282,707)	TR (EP 2,897,365)
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SK (EP 2804383)	SM (EP 2,640,076)	TR (EP 2,905,962)
SK (EP 2,811,745)	SM (EP 2665267)	TR (EP 2,908,525)
SK (EP 2,838,267)	SM (EP 2,665,268)	TR (EP 2,911,398)
SK (EP 2,838,270)	SM (EP 2,712,198)	TR (EP 2,911,399)
SK (EP 2,840,789)	SM (EP 2712200)	TR (EP 2,911,400)
SK (EP 2,858,366)	SM (EP 2713617)	TR (EP 2,924,996)
SK (EP 2,860,980)	SM (EP 2,713,618)	TR (EP 2,940,996)
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SK (EP 2,884,749)	TR (EP 2,452,494)	TR (EP 2,986,003)
SK (EP 2,887,670)	TR (EP 2,489,186)	TR (EP 2,996,337)
SK (EP 2,890,123)	TR (EP 2,510,698)	TR (EP 2,996,340)
SK (EP 2,897,364)	TR (EP 2,545,710)	TR (EP 2,996,341)
SK (EP 2,897,365)	TR (EP 2545713)	TR (EP 2,996,342)
SK (EP 2,899,979)	TR (EP 2,580,912)	TR (EP 2,999,224)
SK (EP 2,903,273)	TR (EP 2,592,832)	TR (EP 2,999,227)
SK (EP 2,903,274)	TR (EP 2,594,075)	TR (EP 3,059,708)
SK (EP 2,903,279)	TR (EP 2,608,539)	TR (EP 3,101,900)
SK (EP 2,905,962)	TR (EP 2,629,527)	TR (EP 3,101,901)
SK (EP 2,908,525)	TR (EP 2,629,528)	TR (EP 3,104,616)
SK (EP 2,911,398)	TR (EP 2,640,076)	TR (EP 3,104,617)
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University-Industry Cooperation
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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

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