

Part of Exhibit E2 to the DVD-Audio Disc Patent License Agreement

Essential Sony Patents relevant to DVD-Audio Disc / DVD-Video part

COUNTRY	REFERENCE	FILING NR	FILING DATE	PUBLICATION NR	GRANT NR	EXPIRY DATE	TITLE
AT-EP	S93P0592						Data search information entry point
AT-EP	S95P0391						8/16 modulation
AT-EP	S95P0391						8/16 modulation
AT-EP	S96P0171						Color-control of subtitle
AT-EP	S96P0249						Position-information for displaying subtitle
AT-EP	S96P0537						Top-field-flag of GOP
AT-EP	S96P0589						IP search
AT-EP	S96P0589						IP search
AT-EP	S97P0077						Interleaved unit size for seamless play
AT-EP	S97P0077						Interleaved unit size for seamless play
AT-EP	S97P0077						Interleaved unit size for seamless play
AU	S91P0044	71860/91	30-Jan-91		631725	30-Jan-11	An optical recording medium
AU	S93P0592	48333/93	22-Sep-93		669563	22-Sep-13	Data search information entry point
AU	S95P0391	28991/95	7-Jul-95		701638	7-Jul-15	8/16 modulation
AU	S95P0391	10084/99	8-Jan-99		718089	7-Jul-15	8/16 modulation
AU	S96P0171	48198/96	20-Mar-96		711083	20-Mar-16	Color-control of subtitle
AU	S96P0249	50457/96	2-Apr-96		707272	2-Apr-16	Position-information for displaying subtitle
AU	S96P0249	18422/99	25-Feb-99				Position-information for displaying subtitle
AU	S96P0537	64209/96	22-Aug-96		702573	22-Aug-16	Top-field-flag of GOP
AU	S96P0589	60790/96	29-Jul-96		702962	29-Jul-16	IP search
BR	S96P0171	9601106	22-Mar-96				Color-control of subtitle
BR	S96P0249	9601263	3-Apr-96				Position-information for displaying subtitle
BR	S96P0537	9603538	23-Aug-96				Top-field-flag of GOP
BR	S96P0589	9603175	26-Jul-96				IP search
CA	S82P0040	395598	5-Feb-82		1209703	12-Aug-03	DSV control word
CA	S96P0171	2172010	18-Mar-96				Color-control of subtitle
CA	S96P0249	2173177	1-Apr-96				Position-information for displaying subtitle
CA	S96P0589	2182057	25-Jul-96				IP search
CA-WO	S95P0391	2171113	7-Jul-95				8/16 modulation
CN	S95P0391	121719.4	21-Jul-00				8/16 modulation
CN	S96P0171	96105775	23-Mar-96	CN1140311A			Color-control of subtitle
CN	S96P0249	96105771	3-Apr-96	CN1139273A			Position-information for displaying subtitle
CN	S96P0537	96113334	23-Aug-96	CN1154630A			Top-field-flag of GOP
CN	S96P0537	98118674.2	23-Aug-98	CN1215288A			Top-field-flag of GOP
CN	S96P0589	96112179	28-Jul-96	115187			IP search
CN	S96P0589	98118675.0	24-Aug-98	CN1215289A			IP search
CN	S97P0077	97104717	9-Feb-97				Interleaved unit size for seamless play
CN	S97P0077	98118292.5	6-Oct-98	CN1218247A			Interleaved unit size for seamless play
CN-WO	S95P0391	95190776.X	2-May-96	CN1134195A			8/16 modulation
DE-EP	S91P0044						An optical recording medium
DE-EP	S93P0592						Data search information entry point
DE-EP	S95P0391						8/16 modulation
DE-EP	S95P0391						8/16 modulation
DE-EP	S96P0171						Color-control of subtitle
DE-EP	S96P0249						Position-information for displaying subtitle

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DE-EP	S96P0537						Top-field-flag of GOP
DE-EP	S96P0589						IP search
DE-EP	S96P0589						IP search
DE-EP	S97P0077						Interleaved unit size for seamless play
DE-EP	S97P0077						Interleaved unit size for seamless play
DE-EP	S97P0077						Interleaved unit size for seamless play
EP	S91P0044	96100707.7	18-Jan-96	0715303			An optical recording medium
EP	S93P0592	97201484.9	16-May-97	0794667			Data search information entry point
EP	S95P0391	99113783.7	14-Jul-99	0971355			8/16 modulation
EP	S95P0391	01103087.1	9-Feb-01				8/16 modulation
EP	S96P0171	96301947.6	21-Mar-96	0734181			Color-control of subtitle
EP	S96P0249	96302342.9	2-Apr-96	0737016			Position-information for displaying subtitle
EP	S96P0537	96306125.4	22-Aug-96	0762772			Top-field-flag of GOP
EP	S96P0589	96305533.0	29-Jul-96	0756281			IP search
EP	S96P0589	00201894.3	29-May-00	1030302			IP search
EP	S97P0077	97300629.9	30-Jan-97	0789360			Interleaved unit size for seamless play
EP	S97P0077	00203414.8	2-Oct-00				Interleaved unit size for seamless play
EP	S97P0077	00203706.7	25-Oct-00				Interleaved unit size for seamless play
ES-EP	S95P0391						8/16 modulation
ES-EP	S96P0171						Color-control of subtitle
ES-EP	S96P0249						Position-information for displaying subtitle
ES-EP	S96P0537						Top-field-flag of GOP
ES-EP	S96P0589						IP search
ES-EP	S96P0589						IP search
FR-EP	S91P0044						An optical recording medium
FR-EP	S93P0592						Data search information entry point
FR-EP	S95P0391						8/16 modulation
FR-EP	S95P0391						8/16 modulation
FR-EP	S96P0171						Color-control of subtitle
FR-EP	S96P0249						Position-information for displaying subtitle
FR-EP	S96P0537						Top-field-flag of GOP
FR-EP	S96P0589						IP search
FR-EP	S96P0589						IP search
FR-EP	S97P0077						Interleaved unit size for seamless play
FR-EP	S97P0077						Interleaved unit size for seamless play
FR-EP	S97P0077						Interleaved unit size for seamless play
GB-EP	S91P0044						An optical recording medium
GB-EP	S93P0592						Data search information entry point
GB-EP	S95P0391						8/16 modulation
GB-EP	S95P0391						8/16 modulation
GB-EP	S96P0171						Color-control of subtitle
GB-EP	S96P0249						Position-information for displaying subtitle
GB-EP	S96P0537						Top-field-flag of GOP
GB-EP	S96P0589						IP search
GB-EP	S96P0589						IP search
GB-EP	S97P0077						Interleaved unit size for seamless play

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COUNTRY	REFERENCE	FILING NR	FILING DATE	PUBLICATION NR	GRANT NR	EXPIRY DATE	TITLE
GB-EP	S97P0077						Interleaved unit size for seamless play
GB-EP	S97P0077						Interleaved unit size for seamless play
HK	S96P0589	0110178.2	14-Feb-01				IP search
HK	S97P0077						Interleaved unit size for seamless play
HK	S97P0077						Interleaved unit size for seamless play
ID	S95P0391	P-951292	6-Jul-95				8/16 modulation
ID	S96P0537	P-962393	22-Aug-96		ID0005191	22-Aug-16	Top-field-flag of GOP
IL	S95P0391	115541	6-Oct-95				8/16 modulation
IL	S95P0391	127149	19-Nov-98				8/16 modulation
IN	S95P0391	1267/DEL/95	7-Jul-95				8/16 modulation
IN	S96P0537	1868/DEL/96	21-Aug-96				Top-field-flag of GOP
IT-EP	S93P0592						Data search information entry point
IT-EP	S95P0391						8/16 modulation
IT-EP	S95P0391						8/16 modulation
IT-EP	S96P0171						Color-control of subtitle
IT-EP	S96P0249						Position-information for displaying subtitle
IT-EP	S96P0537						Top-field-flag of GOP
IT-EP	S96P0589						IP search
IT-EP	S96P0589						IP search
JP	S91P0044	97-033010	31-Jan-97	97-204688	3104201	31-Jan-10	An optical recording medium
JP	S91P0044	97-033012	31-Jan-97	97-204689	3104202	31-Jan-10	An optical recording medium
JP	S93P0592	92-350577	4-Dec-92	94-325553	2785220	4-Dec-12	Data search information entry point
JP	S93P0592	92-355558	18-Dec-92	94-164522			Data search information entry point
JP	S95P0391	94-157175	8-Jul-94	96-031100			8/16 modulation
JP	S95P0391	2000-217864	18-Jul-00	2001-060369			8/16 modulation
JP	S96P0171	95-088607	23-Mar-95	96-265661			Color-control of subtitle
JP	S96P0249	95-099436	3-Apr-95	96-275205			Position-information for displaying subtitle
JP	S96P0537	95-214675	23-Aug-95				Top-field-flag of GOP
JP	S96P0575	96-121988	16-May-96	97-098381			Copy protection inserting APS, CGMS data & Ciphering with key information
JP	S96P0575	2000-140811	12-May-00	2000-358216			Copy protection inserting APS, CGMS data & Ciphering with key information
JP	S96P0575	2000-140812	12-May-00	2000-354256			Copy protection inserting APS, CGMS data & Ciphering with key information
JP	S96P0575	2000-140813	12-May-00	2001-016542			Copy protection inserting APS, CGMS data & Ciphering with key information
JP	S96P0575	2000-140814	12-May-00	2000-353362			Copy protection inserting APS, CGMS data & Ciphering with key information
JP	S96P0589	95-211420	28-Jul-95	97-046712			IP search
JP	S97P0077	97-026238	10-Feb-97	97-274769			Interleaved unit size for seamless play
KR	S91P0044	91-701176	24-Sep-91		0221826	24-Sep-11	An optical recording medium
KR	S91P0044	10-99-7003172	12-Apr-99		0233420	30-Jan-11	An optical recording medium
KR	S93P0592	93-019642	22-Sep-93	94-08275			Data search information entry point
KR	S93P0592	10-00-0050060	28-Aug-00				Data search information entry point
KR	S96P0171	96-07804	22-Mar-96	96-35585			Color-control of subtitle
KR	S96P0249	96-10570	3-Apr-96	96-40008			Position-information for displaying subtitle

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KR	S96P0537	96-35963	23-Aug-96	97-14362			Top-field-flag of GOP
KR	S96P0589	96-30906	29-Jul-96	97-08058			IP search
KR	S96P0589	10-00-0064311	31-Oct-00				IP search
KR	S97P0077	97-04241	10-Feb-97	97-63196			Interleaved unit size for seamless play
KR-WO	S95P0391	96-701288	7-Jul-95				8/16 modulation
MX	S96P0171	961049	20-Mar-96		192158	20-Mar-16	Color-control of subtitle
MX	S96P0249	961267	2-Apr-96				Position-information for displaying subtitle
MX	S96P0537	963578	22-Aug-96				Top-field-flag of GOP
MX	S96P0589	963031	26-Jul-96				IP search
MX	S97P0077	970855	3-Feb-97				Interleaved unit size for seamless play
MY	S95P0391	PI9503008	7-Oct-95				8/16 modulation
MY	S96P0171	PI9600988	18-Mar-96				Color-control of subtitle
MY	S96P0249	PI9601238	3-Apr-96				Position-information for displaying subtitle
MY	S96P0537	PI9603428	20-Aug-96				Top-field-flag of GOP
MY	S96P0589	PI9603104	27-Jul-96				IP search
MY	S97P0077	PI9700368	30-Jan-97				Interleaved unit size for seamless play
NL-EP	S91P0044						An optical recording medium
NL-EP	S93P0592						Data search information entry point
NL-EP	S95P0391						8/16 modulation
NL-EP	S95P0391						8/16 modulation
NL-EP	S96P0171						Color-control of subtitle
NL-EP	S96P0249						Position-information for displaying subtitle
NL-EP	S96P0537						Top-field-flag of GOP
NL-EP	S96P0589						IP search
NL-EP	S96P0589						IP search
NL-EP	S97P0077						Interleaved unit size for seamless play
NL-EP	S97P0077						Interleaved unit size for seamless play
NL-EP	S97P0077						Interleaved unit size for seamless play
PH	S95P0391	52296	9-Oct-95				8/16 modulation
PH	S96P0537	53965	22-Aug-96				Top-field-flag of GOP
PL	S96P0537	P-315802					Top-field-flag of GOP
PL	S96P0537	P343992	10-Nov-00				Top-field-flag of GOP
PL	S96P0537	P343991	10-Nov-00				Top-field-flag of GOP
PL-WO	S95P0391	P313410	7-Jul-95				8/16 modulation
RU	S96P0537	96116330	22-Aug-96				Top-field-flag of GOP
SE	S93P0592						Data search information entry point
SG	S95P0391	9607338-2	7-Jul-95		9607338-2	7-Jul-15	8/16 modulation
SG	S96P0537	9610493	20-Aug-96		74566	20-Aug-16	Top-field-flag of GOP
SU-WO	S93P0592	94026951	22-Sep-93				Data search information entry point
SU-WO	S95P0391	96107886	7-Jul-95				8/16 modulation
TH	S95P0391	27155	7-Jul-95				8/16 modulation
TH	S96P0171	030549	21-Mar-96	023191			Color-control of subtitle
TH	S96P0249	030725	2-Apr-96	28578			Position-information for displaying subtitle
TH	S96P0537	32895	21-Aug-96	26166			Top-field-flag of GOP
TH	S96P0589	032561	26-Jul-96				IP search
TR	S95P0391	1239	11-Oct-95				8/16 modulation

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<i>COUNTRY</i>	<i>REFERENCE</i>	<i>FILING NR</i>	<i>FILING DATE</i>	<i>PUBLICATION NR</i>	<i>GRANT NR</i>	<i>EXPIRY DATE</i>	<i>TITLE</i>
TR	S96P0537	45980	23-Aug-96				Top-field-flag of GOP
TW	S95P0391	84107701	25-Jul-95		077029	24-Jul-15	8/16 modulation
TW	S96P0171	85103217	18-Mar-96		086923	17-Mar-16	Color-control of subtitle
TW	S96P0249	85103855	2-Apr-96		083710	1-Apr-16	Position-information for displaying subtitle
TW	S96P0537	85110202	21-Aug-96		088619	20-Aug-16	Top-field-flag of GOP
TW	S96P0589	85109176	27-Jul-96		085499	26-Jul-16	IP search
TW	S97P0077	86100843	25-Jan-97		095017	24-Jan-17	Interleaved unit size for seamless play
US	S91P0044	383351	3-Feb-95		5533001	2-Jul-13	An optical recording medium
US	S91P0044	388589	14-Feb-95		5515346	7-May-13	An optical recording medium
US	S91P0044	401424	9-Mar-95		5508981	16-Apr-13	An optical recording medium
US	S91P0044	499331	7-Jul-95		5587990	30-Jan-11	An optical recording medium
US	S91P0044	683557	17-Jul-96		5610880	30-Jan-11	An optical recording medium
US	S93P0592	125573	22-Sep-93		5455684	22-Sep-13	Data search information entry point
US	S95P0391	612952	7-Jul-95		5818367	7-Jul-15	8/16 modulation
US	S95P0391	09/166668	5-Oct-99		5969651	7-Jul-15	8/16 modulation
US	S96P0171	619001	21-Mar-96		5748256	21-Mar-16	Color-control of subtitle
US	S96P0249	627742	2-Apr-96		5889564	2-Apr-16	Position-information for displaying subtitle
US	S96P0537	701754	22-Aug-96		5771357	22-Aug-16	Top-field-flag of GOP
US	S96P0575	09/377571	19-Aug-99		6185687	19-Jul-16	Copy protection inserting APS, CGMS data & Ciphering with key information
US	S96P0589	688819	26-Jul-96		6009229	26-Jul-16	IP search
US	S97P0077	791231	30-Jan-97		5721591	30-Jan-17	Interleaved unit size for seamless play
VN	S95P0391	S-1849/96	8-May-96		884	7-Jul-15	8/16 modulation
VN	S96P0537	SC0140/96	23-Aug-96		1428	23-Aug-11	Top-field-flag of GOP
WO	S91P0044	PCT/JP91/00113	30-Jan-91	WO91/11807			An optical recording medium
WO	S93P0592	PCT/JP93/01362	22-Sep-93	WO94/07332			Data search information entry point
WO	S95P0391	PCT/JP95/01364	7-Jul-95				8/16 modulation

All corresponding patent applications, patents, divisions, continuations and reissues based upon any of the patent applications or patents of this list are considered to be included as an integral part of this list