

Annex A2 to the DVD Video Player and DVD ROM Player Patent License Agreement

Essential Sony Patents relevant to DVD-Video Players

<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>
AT-EP	S93P0592	93921063.9	22-Sep-93		E170354	22-Sep-13	Data search information entry point
AT-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
AT-EP	S95P0391	95924525.9	07-Jul-95		E205629	07-Jul-15	8/16 Modulation
AT-EP	S95P0731	95308598.2	29-Nov-95	0715301	E189076	29-Nov-15	Opposite track path
AT-EP	S96P0171	96301947.6	21-Mar-96	0734181	E242583	21-Mar-16	Color control of subtitle
AT-EP	S96P0249						Position-information for displaying subtitle
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 disc system
AU	S93P0592	48333/93	22-Sep-93		669563	22-Sep-13	Data search information entry point
AU	S95P0391	28991/95	07-Jul-95		701638	07-Jul-15	8/16 Modulation
AU	S96P0171	48198/96	20-Mar-96		711083	20-Mar-16	Color control of subtitle
AU	S96P0249	50457/96	02-Apr-96		707272	02-Apr-16	Position-information for displaying subtitle
AU	S96P0249	18422/99	25-Feb-99		726256	02-Apr-16	Position-information for displaying subtitle
AU	S96P0643	66304/96	02-Aug-96		714628	02-Aug-16	Path control*
BR	S96P0171	PI9601106-8	22-Mar-96		PI9601106-8	22-Mar-16	Color control of subtitle
BR	S96P0249	9601263	03-Apr-96		PI9601263-3	03-Apr-16	Position-information for displaying subtitle
CA	S95P0391	2171113	07-Jul-95		2171113	07-Jul-15	8/16 Modulation
CA	S96P0171	2172010	18-Mar-96		2172010	18-Mar-16	Color control of subtitle
CA	S96P0249	2173177	01-Apr-96		2173177	01-Apr-16	Position-information for displaying subtitle
CN	S95P0105	95104525	19-Mar-95	CN1115464A	ZL95104525.3	19-Mar-15	High density optical disk system
CN	S95P0106	95104080	19-Mar-95	CN1115076A	ZL95104080.4	19-Mar-15	AV recording optical disc system
CN	S95P0391	95190776.X	02-May-96	CN1134195A	ZL95190776.X	07-Jul-15	8/16 Modulation
CN	S95P0391	00121719.4	21-Jul-00	CN1312555A	ZL00121719.4	07-Jul-15	8/16 Modulation
CN	S95P0864	95191515.0	24-Oct-95	CN1140506A	ZL95191515.0	24-Oct-15	Random reproduction mode

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CN	S96P0171	96105775	23-Mar-96	CN1140311A	ZL96105775.0	23-Mar-16	Color control of subtitle
CN	S96P0249	96105771	03-Apr-96	CN1139273A	ZL96105771.8	03-Apr-16	Position-information for displaying subtitle
CN	S97P0077	97104717.0	09-Feb-97	CN1177171A	ZL97104717.0	09-Feb-17	Interleaved unit size for seamless play
DE-EP	S91P0044	96100707.7	18-Jan-96	0715303	69133137.5	30-Jan-11	An optical disc system
DE-EP	S93P0592	93921063.9	22-Sep-93		69320620.9	22-Sep-13	Data search information entry point
DE-EP	S94P0634	94927082.1	21-Sep-94	0676756	69427578.6	21-Sep-14	Entry point additional information
DE-EP	S95P0106	95103980.9	17-Mar-95	0673034	69531265.0	17-Mar-15	AV recording optical disc system
DE-EP	S95P0391	95924525.9	07-Jul-95		69522650.9	07-Jul-15	8/16 Modulation
DE-EP	S95P0391	01103087.1	09-Feb-01	1126619	69534573.7	07-Jul-15	8/16 Modulation
DE-EP	S95P0731	95308598.2	29-Nov-95	0715301	69514630.0	29-Nov-15	Opposite track path
DE-EP	S96P0171	96301947.6	21-Mar-96	0734181	69628487.1	21-Mar-16	Color control of subtitle
DE-EP	S96P0249						Position-information for displaying subtitle
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	0715303	30-Jan-11	An optical disc system
EP	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
EP	S94P0634	94927082.1	21-Sep-94	0676756	0676756	21-Sep-14	Entry point additional information
EP	S95P0106	95103980.9	17-Mar-95	0673034	0673034	17-Mar-15	AV recording optical disc system
EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
EP	S95P0731	95308598.2	29-Nov-95	0715301	0715301	29-Nov-15	Opposite track path
EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
EP	S96P0249	96302342.9	02-Apr-96	0737016			Position-information for displaying subtitle
EP	S96P0641	96305772.4	05-Aug-96	0757349	0757349	05-Aug-16	Program Linkage
EP	S97P0077	00203706.7	25-Oct-00	1071090			Interleaved unit size for seamless play
EP	S97P0077	00203414.8	02-Oct-00	1067541			Interleaved unit size for seamless play
ES-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation

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ES-EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
ES-EP	S95P0731	95308598.2	29-Nov-95	0715301	2140628	29-Nov-15	Opposite track path
ES-EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
ES-EP	S96P0249						Position-information for displaying subtitle
FR-EP	S91P0044	96100707.7	18-Jan-96	0715303	0715303	30-Jan-11	An optical disc system
FR-EP	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
FR-EP	S94P0634	94927082.1	21-Sep-94	0676756	0676756	21-Sep-14	Entry point additional information
FR-EP	S95P0106	95103980.9	17-Mar-95	0673034	0673034	17-Mar-15	AV recording optical disc system
FR-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
FR-EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
FR-EP	S95P0731	95308598.2	29-Nov-95	0715301	0715301	29-Nov-15	Opposite track path
FR-EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
FR-EP	S96P0249						Position-information for displaying subtitle
FR-EP	S96P0641	96305772.4	05-Aug-96	0757349	0757349	05-Aug-16	Program Linkage
FR-EP	S97P0077						Interleaved unit size for seamless play
FR-EP	S97P0077						Interleaved unit size for seamless play
GB-EP	S91P0044	96100707.7	18-Jan-96	0715303	0715303	30-Jan-11	An optical disc system
GB-EP	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
GB-EP	S94P0634	94927082.1	21-Sep-94	0676756	0676756	21-Sep-14	Entry point additional information
GB-EP	S95P0106	95103980.9	17-Mar-95	0673034	0673034	17-Mar-15	AV recording optical disc system
GB-EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
GB-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
GB-EP	S95P0731	95308598.2	29-Nov-95	0715301	0715301	29-Nov-15	Opposite track path
GB-EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
GB-EP	S96P0249						Position-information for displaying subtitle
GB-EP	S96P0641	96305772.4	05-Aug-96	0757349	0757349	05-Aug-16	Program Linkage
GB-EP	S97P0077						Interleaved unit size for seamless play

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GB-EP	S97P0077						Interleaved unit size for seamless play
HK	S97P0077	01104500.4	28-Jun-01	1035798			Interleaved unit size for seamless play
HK	S97P0077	01104720.8	09-Jul-01	1035799			Interleaved unit size for seamless play
ID	S95P0391	P-951292	06-Jul-95				8/16 Modulation
IL	S95P0391	115541	06-Oct-95		115541	06-Oct-15	8/16 Modulation
IN	S95P0391	1267/DEL/95	07-Jul-95		192552	07-Jul-15	8/16 Modulation
IT-EP	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
IT-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
IT-EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
IT-EP	S95P0731	95308598.2	29-Nov-95	0715301	0715301	29-Nov-15	Opposite track path
IT-EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
IT-EP	S96P0249						Position-information for displaying subtitle
IT-EP	S96P0641	96305772.4	05-Aug-96	0757349	0757349	05-Aug-16	Program Linkage
JP	S93P0592	404350577	04-Dec-92	406325553	02785220	04-Dec-12	Data search information entry point
JP	S95P0391	406157175	08-Jul-94	408031100	03541439	08-Jul-14	8/16 Modulation
JP	S96P0575	2000140811	12-May-00	2000358216	03329333	16-May-16	Copy protection & encryption system
JP	S96P0575	408121988	16-May-96	409098381	03252706	16-May-16	Copy protection & encryption system
JP	S96P0575	2000140812	12-May-00	2000354256	03407712	16-May-16	Copy protection & encryption system
JP	S97P0077	409026238	10-Feb-97	409274769			Interleaved unit size for seamless play
KR	S91P0044	10-99-7003172	12-Apr-99		0233420	30-Jan-11	An optical disc system
KR	S91P0044	91-701176	30-Jan-91		0221826	30-Jan-11	An optical disc system
KR	S93P0592	10-00-0050060	28-Aug-00		0283976	22-Sep-13	Data search information entry point
KR	S95P0105	95-06140	20-Mar-95	95-34104	0353208	20-Mar-15	High density optical disk system
KR	S95P0106	95-06141	20-Mar-95	95-34105	0321268	20-Mar-15	AV recording optical disc system
KR	S95P0391	96-701288	07-Jul-95		0352353	07-Jul-15	8/16 Modulation
KR	S95P0731	95-46616	30-Nov-95	96-19079	0399505	30-Nov-15	Opposite track path
KR	S95P0864	96-703385	24-Oct-95		0363506	24-Oct-15	Random reproduction mode

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KR	S96P0171	96-07804	22-Mar-96	96-35585	0390593	22-Mar-16	Color control of subtitle
KR	S96P0249	96-10570	03-Apr-96	96-40008	0384611	03-Apr-16	Position-information for displaying subtitle
KR	S97P0077	97-04241	10-Feb-97	97-63196	0495713	10-Feb-17	Interleaved unit size for seamless play
MX	S95P0731	954959	28-Nov-95		208680	28-Nov-15	Opposite track path
MX	S96P0171	961049	20-Mar-96		192158	20-Mar-16	Color control of subtitle
MX	S96P0249	961267	02-Apr-96		198094	02-Apr-16	Position-information for displaying subtitle
MX	S97P0077	970855	03-Feb-97		200485	03-Feb-17	Interleaved unit size for seamless play
MY	S95P0391	PI9503008	07-Oct-95		113404	28-Feb-17	8/16 Modulation
MY	S96P0171	PI9600988	18-Mar-96		119204	30-Apr-20	Color control of subtitle
MY	S96P0249	PI9601238	03-Apr-96		113592	30-Apr-17	Position-information for displaying subtitle
MY	S97P0077	PI9700368	30-Jan-97		115523	31-Jul-18	Interleaved unit size for seamless play
NL-EP	S91P0044	96100707.7	18-Jan-96	0715303	0715303	30-Jan-11	An optical disc system
NL-EP	S93P0592	93921063.9	22-Sep-93		0622002	22-Sep-13	Data search information entry point
NL-EP	S95P0391	95924525.9	07-Jul-95		0718843	07-Jul-15	8/16 Modulation
NL-EP	S95P0391	01103087.1	09-Feb-01	1126619	1126619	07-Jul-15	8/16 Modulation
NL-EP	S95P0731	95308598.2	29-Nov-95	0715301	0715301	29-Nov-15	Opposite track path
NL-EP	S96P0171	96301947.6	21-Mar-96	0734181	0734181	21-Mar-16	Color control of subtitle
NL-EP	S96P0249						Position-information for displaying subtitle
NL-EP	S96P0641	96305772.4	05-Aug-96	0757349	0757349	05-Aug-16	Program Linkage
NL-EP	S97P0077						Interleaved unit size for seamless play
NL-EP	S97P0077						Interleaved unit size for seamless play
PH	S95P0391	52296	09-Oct-95		52296	18-Nov-21	8/16 Modulation
PL	S95P0391	P313410	07-Jul-95		177830	07-Jul-15	8/16 Modulation
RU	S96P0482	97105368	18-Jun-96		2191423	18-Jun-16	Ciphering in one of recording processing blocks
SG	S95P0105	9500120-2	17-Mar-95		24105	17-Mar-15	High density optical disk system
SG	S95P0106	9500119-4	17-Mar-95		24104	17-Mar-15	AV recording optical disc system
SG	S95P0391	9607338-2	07-Jul-95		32640	07-Jul-15	8/16 Modulation

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SG	S95P0864	9611055-6	24-Oct-95		34420	24-Oct-15	Random reproduction mode
SG	S96P0482	9704255-0	18-Jun-96		45081	18-Jun-16	Ciphering in one of recording processing blocks
SG	S96P0643	9701248-8	02-Aug-96		39073	02-Aug-16	Path control*
SU	S93P0592	94026951	22-Sep-93		2161377	22-Sep-13	Data search information entry point
SU	S95P0391	96107886.00	07-Jul-95		2171505	07-Jul-15	8/16 Modulation
TH	S95P0391	027155	07-Jul-95				8/16 Modulation
TH	S96P0171	030549	21-Mar-96	023191			Color control of subtitle
TH	S96P0249	030725	02-Apr-96	28578			Position-information for displaying subtitle
TR	S95P0391	001239	11-Oct-95		01239	11-Oct-15	8/16 Modulation
TW	S95P0105	84103434	10-Apr-95		082872	09-Apr-15	High density optical disk system
TW	S95P0106	84103427	10-Apr-95		083734	09-Apr-15	AV recording optical disc system
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	85103885	02-Apr-96		083710	01-Apr-16	Position-information for displaying subtitle
TW	S96P0482	85106682	04-Jun-96		091593	03-Jun-16	Ciphering in one of recording processing blocks
TW	S96P0643	85111151	12-Sep-96		101612	12-Sep-16	Path control*
TW	S97P0077	86100843	25-Jan-97		095017	24-Jan-17	Interleaved unit size for seamless play
US	S91P0044	683557	17-Jul-96		5610880	30-Jan-11	An optical disc system
US	S91P0044	401424	09-Mar-95		5508981	16-Apr-13	An optical disc system
US	S91P0044	388589	14-Feb-95		5515346	07-May-13	An optical disc system
US	S91P0044	499331	07-Jul-95		5587990	30-Jan-11	An optical disc system
US	S93P0470	858972	20-May-97		RE36763	21-Jul-13	VBI Copy Protection Code
US	S93P0592	446015	19-May-95		5568274	22-Oct-13	Data search information entry point
US	S93P0592	125573	22-Sep-93		5455684	22-Sep-13	Data search information entry point
US	S94P0415	387904	30-Jun-94		5583577	30-Jun-14	Semi-transparent Subtitle
US	S94P0848	360095	20-Dec-94		5684542	20-Dec-14	Subtitle decoder
US	S95P0391	612952	07-Jul-95		5818367	07-Jul-15	8/16 Modulation

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US	S95P0864	666362	27-Aug-96		5793726	24-Oct-15	Random reproduction mode
US	S96P0171	619001	21-Mar-96		5748256	21-Mar-16	Color control of subtitle
US	S96P0249	627742	02-Apr-96		5889564	02-Apr-16	Position-information for displaying subtitle
US	S96P0575	690224	19-Jul-96		6108423	19-Jul-16	Copy protection & encryption system
US	S96P0575	09/377571	19-Aug-99		6185687	19-Jul-16	Copy protection & encryption system
US	S96P0575	09/479695	07-Jan-00		6289103	19-Jul-16	Copy protection & encryption system
US	S96P0909	733770	18-Oct-96		5822425	18-Oct-16	CaptionFormat for CGMS
US	S97P0077	791231	30-Jan-97		5721591	30-Jan-17	Interleaved unit size for seamless play
US	S97P0365	854420	12-May-97		6222978	12-May-17	Sprit color burst
VN	S95P0391	S-1849/96	07-Jul-95		884	08-Jul-09	8/16 Modulation
VN	S96P0643	SC0878/97	02-Aug-96		3136	02-Aug-16	Path control*