

Annex A3 to the DVD-R Recorder and DVD-RW Recorder Patent License Agreement

Essential Sony Patents relevant to DVD-R -RW Recorder / DVD-RW Data Part

<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	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
AT-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
AT-EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
AU	S87P0013	67164/87	06-Jan-87		601388	06-Jan-07	Stack ECC
AU	S90P0221	55667/90	15-May-90		635932	15-May-10	PMA recording
AU	S91P0044	71860/91	30-Jan-91		631725	30-Jan-11	An optical disc system
AU	S95P0391	28991/95	07-Jul-95		701638	07-Jul-15	8/16 Modulation
BR	S97P0252	PI9701610-1	02-Apr-97				Address format
CA	S87P0013	526484	30-Dec-86		1264091	30-Dec-06	Stack ECC
CA	S95P0391	2171113	07-Jul-95		2171113	07-Jul-15	8/16 Modulation
CA	S97P0252	2201454	01-Apr-97				Address format
CN	S95P0391	121719.4	21-Jul-00	CN1312555A			8/16 Modulation
CN	S95P0391	95190776.X	02-May-96	CN1134195A	ZL95190776.X	07-Jul-15	8/16 Modulation
CN	S97P0252	97104993.9	02-Apr-97	CN1173705A			Address format
DE-EP	S90P0221	90907421.3	15-May-90		P69020688.7	15-May-10	PMA recording
DE-EP	S91P0044	2005142.1	07-Mar-02	1225575			An optical disc system
DE-EP	S91P0044	99104762.2	10-Mar-99	923074	P69133103.0	30-Jan-11	An optical disc system
DE-EP	S91P0044	96100707.7	18-Jan-96	715303	P69133137.5	30-Jan-11	An optical disc system
DE-EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
DE-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
DE-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
DE-EP	S97P0252	97105470.5	02-Apr-97	800165			Address format
DE-EP	S97P0978	97308117.7	14-Oct-97	837471	P69717765.3	14-Oct-17	Linking scheme
EP	S90P0221	90907421.3	15-May-90	426872	426872	15-May-10	PMA recording
EP	S91P0044	96100707.7	18-Jan-96	715303	715303	30-Jan-11	An optical disc system

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 concluded as an integral part of this list

Essential Sony Patents relevant to DVD-R -RW Recorder / DVD-RW Data Part

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EP	S91P0044	99104762.2	10-Mar-99	923074	923074	30-Jan-11	An optical disc system
EP	S91P0044	2005142.1	07-Mar-02	1225575			An optical disc system
EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
EP	S97P0252	97105470.5	02-Apr-97	800165			Address format
EP	S97P0978	97308117.7	14-Oct-97	837471	837471	14-Oct-17	Linking scheme
ES-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
ES-EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
ES-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
FR-EP	S90P0221	90907421.3	15-May-90		426872	15-May-10	PMA recording
FR-EP	S91P0044	2005142.1	07-Mar-02	1225575			An optical disc system
FR-EP	S91P0044	96100707.7	18-Jan-96	715303	715303	30-Jan-11	An optical disc system
FR-EP	S91P0044	99104762.2	10-Mar-99	923074	923074	30-Jan-11	An optical disc system
FR-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
FR-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
FR-EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
FR-EP	S97P0252	97105470.5	02-Apr-97	800165			Address format
FR-EP	S97P0978	97308117.7	14-Oct-97	837471	837471	14-Oct-17	Linking scheme
GB-EP	S90P0221	90907421.3	15-May-90		426872	15-May-10	PMA recording
GB-EP	S91P0044	2005142.1	07-Mar-02	1225575			An optical disc system
GB-EP	S91P0044	99104762.2	10-Mar-99	923074	923074	30-Jan-11	An optical disc system
GB-EP	S91P0044	96100707.7	18-Jan-96	715303	715303	30-Jan-11	An optical disc system
GB-EP	S95P0391	1120568.9	29-Aug-01	1168331			8/16 Modulation
GB-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
GB-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
GB-EP	S97P0252	97105470.5	02-Apr-97	800165			Address format

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GB-EP	S97P0978	97308117.7	14-Oct-97	837471	837471	14-Oct-17	Linking scheme
HK	S91P0044	3100422.5	30-Jan-91	1049910			An optical disc system
HK	S95P0391	2101790.8	07-Jul-95	1042764			8/16 Modulation
ID	S95P0391	P-951292	06-Jul-95				8/16 Modulation
ID	S97P0252	P-971080	31-Mar-97				Address format
IL	S95P0391	115541	06-Oct-95		115541	06-Oct-15	8/16 Modulation
IN	S95P0391	1267/DEL/95	07-Jul-95				8/16 Modulation
IN	S95P0391	0018/DEL/2002	11-Jan-02				8/16 Modulation
IN	S97P0252	0845/DEL/97	01-Apr-97				Address format
IT-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
IT-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
IT-EP	S95P0391	1120568.9	29-Aug-13	1168331			8/16 Modulation
JP	S85P0310	S59-218142	17-Oct-84	S61-096583	1792169	17-Oct-04	Variably selected CLV
JP	S87P0013	S61-013553	24-Jan-86	S62-171323	2578762	24-Jan-06	Stack ECC
JP	S90P0221	H01-121238	15-May-89	H02-301073	3060460	15-May-09	PMA recording
JP	S91P0044	H02-021210	31-Jan-90	H03-225650			An optical disc system
JP	S95P0391	H06-157175	08-Jul-94	H08-031100			8/16 Modulation
JP	S96P0412	H07-136329	02-Jun-95	H08-329612			ECC block structure
JP	S97P0252	H08-171528	01-Jul-96	H09-326138			Address format
JP	S97P0978	H08-275998	18-Oct-96	H10-125005			Linking scheme
KR	S87P0013	87-00134	10-Jan-87	87-07610	101866	10-Jan-07	Stack ECC
KR	S90P0221	91-700040	11-Jan-91	92-701972			PMA recording
KR	S90P0221	20-99-7000006	21-Apr-99		228673	16-Apr-11	PMA recording
KR	S91P0044	91-701176	30-Jan-91		221826	30-Jan-11	An optical disc system
KR	S91P0044	10-99-7003172	12-Apr-99		233420	30-Jan-11	An optical disc system
KR	S95P0391	96-701288	07-Jul-95		352353	07-Jul-15	8/16 Modulation
KR	S97P0252	97-12187	02-Apr-97	97-71533			Address format

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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>
KR	S97P0978	97-53277	17-Oct-97	98-32915			Linking scheme
MX	S97P0252	972413	02-Apr-97				Address format
MY	S95P0391	PI20014045	29-Aug-01				8/16 Modulation
MY	S95P0391	PI9503008	07-Oct-95		113404	28-Feb-17	8/16 Modulation
MY	S97P0252	PI9701419	02-Apr-97				Address format
NL-EP	S90P0221	90907421.3	15-May-90		426872	15-May-10	PMA recording
NL-EP	S91P0044	96100707.7	18-Jan-96	715303	715303	30-Jan-11	An optical disc system
NL-EP	S91P0044	99104762.2	10-Mar-99	923074	923074	30-Jan-11	An optical disc system
NL-EP	S91P0044	2005142.1	07-Mar-02	1225575			An optical disc system
NL-EP	S95P0391	1103087.1	09-Feb-01	1126619			8/16 Modulation
NL-EP	S95P0391	99113783.7	14-Jul-99	971355			8/16 Modulation
NL-EP	S95P0391	1120568.9	29-Aug-13	1168331			8/16 Modulation
PH	S95P0391	52296	09-Oct-95				8/16 Modulation
PL	S95P0391	P313410	07-Jul-95		177830	07-Jul-15	8/16 Modulation
RU	S97P0252	97105090	01-Apr-97		2219595	01-Apr-17	Address format
SG	S95P0391	9607338-2	07-Jul-95		32640	07-Jul-15	8/16 Modulation
SG	S97P0252	9701008	29-Mar-97		47218	29-Mar-17	Address format
SU	S95P0391	96107886	07-Jul-95		2171505	07-Jul-15	8/16 Modulation
TH	S95P0391	27155	07-Jul-95				8/16 Modulation
TH	S97P0252	36591	31-Mar-97	30098			Address format
TR	S95P0391	1239	11-Oct-95		1239	11-Oct-15	8/16 Modulation
TW	S87P0013	75106332	30-Dec-86		30223	29-Dec-06	Stack ECC
TW	S95P0391	84107701	25-Jul-95		77029	24-Jul-15	8/16 Modulation
TW	S97P0252	86103929	27-Mar-97		158436	26-Mar-17	Address format
TW	S97P0252	90124439	23-Oct-01				Address format
US	S85P0310	60971	16-Jun-87		4789975	06-Dec-05	Variably selected CLV
US	S90P0221	635638	15-May-90		5406538	11-Apr-12	PMA recording

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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>
US	S91P0044	683557	17-Jul-96		5610880	30-Jan-11	An optical disc system
US	S91P0044	552262	29-Nov-95		RE37428	21-Feb-12	An optical disc system
US	S91P0044	499331	07-Jul-95		5587990	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	818552	14-Mar-97		5838646	08-Mar-16	An optical disc system
US	S91P0044	928812	12-Sep-97		5910932	30-Jan-11	An optical disc system
US	S95P0391	612952	07-Jul-95		5818367	07-Jul-15	8/16 Modulation
US	S96P0412	654599	29-May-96		5805564	29-May-16	ECC block structure
US	S97P0252	10/238760	10-Sep-02	2003-0021203	6646963	02-Apr-17	Address format
US	S97P0252	10/238761	10-Sep-02	2003-0007434	6606289	02-Apr-17	Address format
US	S97P0252	825890	02-Apr-97		6075761	02-Apr-17	Address format
US	S97P0978	09/552316	27-Apr-00		6192018	16-Oct-17	Linking scheme
VN	S95P0391	S-1849/96	07-Jul-95		884	08-Jul-09	8/16 Modulation
VN	S97P0252	SC0786/97	02-Apr-97		2045	02-Apr-17	Address format

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