

## Annex A8 to the CD Disc Patent License Agreement

Essential PH patents relevant to CD Disc / CD-Extra Video part

<i>COUNTRY</i>	<i>REFERENCE</i>	<i>FILING NR</i>	<i>FILING DATE</i>	<i>PUBLICATION NR</i>	<i>GRANT DATE</i>	<i>GRANT NR</i>	<i>EXPIRY DATE</i>	<i>TITLE</i>
AT	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	E157801	03-Jun-11	Sector and word offset in video block header
AT	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	E157830	03-Jun-11	Decoder delay in coded video frames
AU	N 013257 -	91-71219	20-Feb-91	91-71219 641726	25-Jan-94	641726	20-Feb-11	Image data block with hierarchical encoding level
BE	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
BE	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
CA	N 013257 -	2036585	19-Feb-91		16-Jan-01	2036585	19-Feb-11	Image data block with hierarchical encoding level
CA	N 013409 A	2335403	31-May-91		19-Mar-02	2335403	31-May-11	Sector and word offset in video block header
DE	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	69109346.6	18-Feb-11	Image data block with hierarchical encoding level
DE	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	69127506.8	03-Jun-11	Sector and word offset in video block header
DE	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	69127504.1	03-Jun-11	Decoder delay in coded video frames
DK	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level
DK	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
DK	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
ES	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
FI	N 013257 -	910791	19-Feb-91		15-Jun-98	101442	19-Feb-11	Image data block with hierarchical encoding level
FR	D 087091 -	88200818.8	27-Apr-88	0290085-A2	20-Mar-96	0290085	27-Apr-08	Motion estimation on superblocks
FR	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level
FR	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
FR	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
GB	D 087091 -	88200818.8	27-Apr-88	0290085-A2	20-Mar-96	0290085	27-Apr-08	Motion estimation on superblocks
GB	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level
GB	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
GB	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
HK	N 013257 -	NOT GIVEN	18-Feb-91		11-Apr-96	0960615	18-Feb-11	Image data block with hierarchical encoding level
IT	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level

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IT	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
IT	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
JP	D 087091 -	88-109222	06-May-88	88-287186	25-Apr-97	2630809	06-May-08	Motion estimation on superblocks
JP	N 013257 -	91-47659	20-Feb-91	92-216288	30-Mar-01	3174586	20-Feb-11	Image data block with hierarchical encoding level
JP	N 013257 A	00-344804	13-Nov-00	01-186477			20-Feb-11	Image data block with hierarchical encoding level
JP	N 013409 A	01-151175	21-May-01	02-077794	24-Jan-03	3392834	04-Jun-11	Sector and word offset in video block header
JP	N 013409 B	01-387556	20-Dec-01	02-262242	24-Jan-03	3392842	04-Jun-11	Sector and word offset in video block header
JP	N 013709 A	00-393982	26-Dec-00	01-223988			04-Jun-11	Decoder delay in coded video frames
KR	D 086327 -	87-10122	12-Sep-87	97-5575	23-Jul-97	118698	17-Apr-12	Coefficient encoder in transform encoding
KR	N 013409 -	91-9152	03-Jun-91		02-Dec-99	0245962	03-Jun-11	Sector and word offset in video block header
KR	N 013709 -	91-9187	04-Jun-91	92-1479	22-Oct-99	239837	04-Jun-11	Decoder delay in coded video frames
NL	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level
NL	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
SE	N 013257 -	91200329.0	18-Feb-91	0443676-A1	03-May-95	0443676	18-Feb-11	Image data block with hierarchical encoding level
SE	N 013409 -	91201373.7	03-Jun-91	0460764-A1	03-Sep-97	0460764	03-Jun-11	Sector and word offset in video block header
SE	N 013709 -	91201337.2	03-Jun-91	0460751-A3	03-Sep-97	0460751	03-Jun-11	Decoder delay in coded video frames
SG	N 013257 -	9690467.7	18-Feb-91		28-May-96	30173	18-Feb-11	Image data block with hierarchical encoding level
US	N 013257 C	08/647149	09-May-96		16-Dec-97	5699476	16-Dec-14	Image data block with hierarchical encoding level
US	N 013409 B	08/563799	28-Nov-95		28-Apr-98	5745641	28-Apr-15	Sector and word offset in video block header
US	N 013709 C	08/616951	18-Mar-96		04-Mar-97	5608697	04-Mar-14	Decoder delay in coded video frames
US	N 013709 D	08/707845	09-Sep-96		01-Dec-98	5844867	01-Dec-15	Decoder delay in coded video frames