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Düsseldorf March 30, 2007
Your ref.
Our. ref. GS/jo 030541LZ13
E-mail

Essentiality Report of EP Patents mentioned in Annex A to the MPEG Audio Patent License Agreement

Dear Sir or Madam:

Attached to this letter you find our report regarding certain European patents submitted by PHILIPS ELECTRONICS N.V. to be evaluated as to the question whether or not these patents are essential for implementing the DVD-ROM Video MPEG-2 Audio Player Standard. The present report contains a list of summaries of the subject matter of the essential patents and the relevant DVD-ROM Video and MPEG-2 Audio Standard portions.

In this report we evaluated the essentiality of the of certain European Patents submitted by PHILIPS ELECTRONICS N.V. with respect to DVD Specification for Read-Only Disc, Part 3: „VIDEO SPECIFICATIONS", Version 1.1, December 1997 („DVD-ROM Video Standard") and to ISO/IEC 13818-3 MPEG-2 Audio, November 1994 („MPEG-2 Audio Standard").

We have concluded that the patents on the attached list are essential for implementing the technologies described in the DVD-ROM Video Standard and the MPEG-2 Audio Standard in a DVD-ROM Video MPEG-2 Audio player. Essentiality means that all of the features of the respective claims of the patent are used while working according to the referenced standards.

These findings in this report are based upon:

1) Our review of the specification and certain claims of each patent on the list and prosecution history of the patent;

2) Claims analyses for certain patents presented to us by you;

3) Our review of the relevant DVD-ROM Video and MPEG-2 Audio Standard portions;

4) Responses to questions regarding certain patents including written responses and face to face meetings.

Please contact us if you require further assistance.

Yours faithfully,

Gottfried Schüll

Enclosure

Essentiality Report of EP Patents mentioned in Annex A to the MPEG Audio Patent License Agreement

Patent No.	Claim	Summary of the Subject Matter of the Patent	Relevant Standard Portions
EP 0 599 824	17	A decoder for decoding an encoded wide-band digital audio signal comprising at least a first and a second signal component, being filtered during encoding so as to obtain sub signals, the encoded wide-band digital audio signal further comprises a composite sub signal obtained from combining sample information of at least one corresponding sub signal of at least the first and ...	DVD-ROM Video 1.1: Sections 5.3, 5.4.2, 5.4.2.3; Table 5.4.2.3-1; Fig. 5.3-2, 5.2.4-1, 5.4.2-1; MPEG-1: Sections 2.4.3.2.1, 2.4.3.2.2, 2.4.3.1.1 to 2.4.3.3.5; Annex A, Fig. A.1 + A.2, C-Sect. C.1.3, G-Fig.G2; MPEG-2: Sections 0.1, 0.2.1, 0.2.3.1, 0.2.3.2, 0.2.3.4, 2.5, 5.4.2, C.2.1.8, G.1; Annex A, C
EP 0 811 295	1	Device for encoding an audio bitstream read from a DVD via an IEC958 interface comprising packaging means and pause burst generating means.	DVD-ROM Video 1.1: Sections 1, 1.3, 5.4.2 Annex Q; DVD-ROM Video IEC958 1.01: Sections 2, 3, 5.2, 5.2.2, 7.2, 7.4, 7.5, 7.6, Figures 5.2-1, 7.2-1, 7.5-1 and 7.6-1, Table 5.2.2-1