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(54) **MIDI-COMPATIBLE HEARING DEVICE**

(57) The hearing device (1) is MIDI-compatible, wherein MIDI stands for Musical Instrument Digital Interface. The hearing device (1) can be adapted to communicating and/or loading and/or storing and/or interpreting and/or generating data (20) compliant with the MIDI Protocol, also referred to as MIDI messages (20). Acknowledgment

edge sounds (6) of the hearing device (1) can be controlled by MIDI data (20), or music can be played to a user of the hearing device (1) based on MIDI data (20). The hearing device (1) can be a hearing aid, a headphone, an earphone, a hearing protection device (1), a communication device (1) or the like.

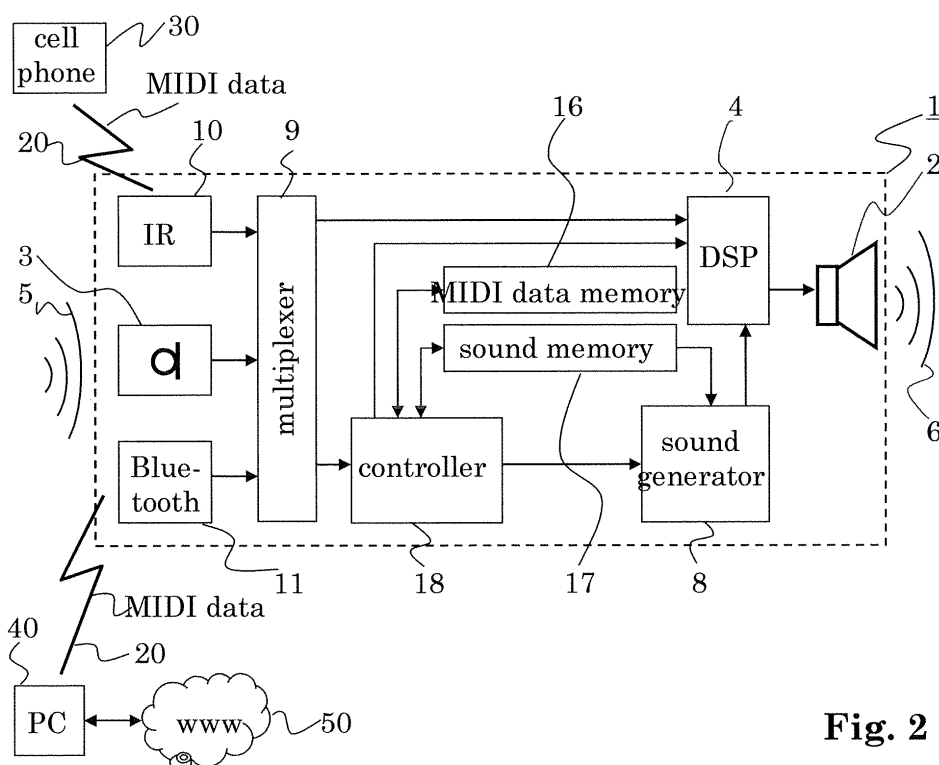


Fig. 2



EUROPEAN SEARCH REPORT

Application Number
EP 10 17 8125

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	"MUSICAL INSTRUMENT DIGITAL INTERFACE HEADPHONES", IBM TECHNICAL DISCLOSURE BULLETIN, INTERNATIONAL BUSINESS MACHINES CORP. (THORNWOOD), US, vol. 35, no. 5, 1 October 1992 (1992-10-01), pages 67-69, XP000312887, ISSN: 0018-8689 * the whole document *	1-5, 10-13, 15	INV. H04R5/04 H04R25/00 ADD. H04R5/033
X	JP 2000 224269 A (FEISU KK) 11 August 2000 (2000-08-11) * abstract *	1-5, 12, 13	
X	US 5 915 237 A (BOSS DALE [US] ET AL) 22 June 1999 (1999-06-22) * the whole document *	1, 6-12, 14	
X	EP 1 168 296 A2 (YAMAHA CORP [JP]) 2 January 2002 (2002-01-02) * column 6, paragraph 41 - paragraph 43 * * column 10, paragraph 60 * * column 25, paragraph 105 - column 26, paragraph 107 * * column 29, paragraph 119 * * figures 1, 14 *	1, 10-12, 15	TECHNICAL FIELDS SEARCHED (IPC) H04R
X	US 6 084 516 A (YASUSHI MITSUO [JP] ET AL) 4 July 2000 (2000-07-04) * column 5, line 45 - line 60 * * column 15, line 28 - line 35 *	1, 3, 12	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 February 2011	Examiner Coda, Ruggero
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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18-02-2011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000224269	A	11-08-2000	AU 3075200 A WO 0045567 A1	18-08-2000 03-08-2000
US 5915237	A	22-06-1999	NONE	
EP 1168296	A2	02-01-2002	DE 60106680 D1 DE 60106680 T2 US 2001049994 A1	02-12-2004 09-02-2006 13-12-2001
US 6084516	A	04-07-2000	JP 3768347 B2 JP 11221196 A	19-04-2006 17-08-1999