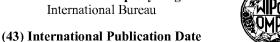
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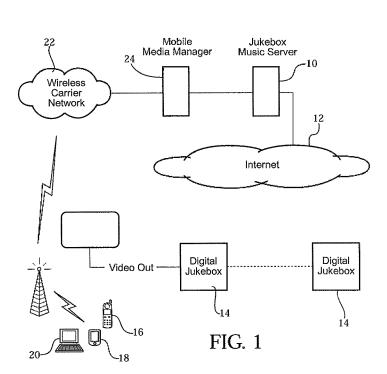
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[Continued on next page]

### (54) Title: APPARATUS AND METHOD FOR INTERACTIVE DIGITAL MEDIA CONTENT REQUESTS



(57) Abstract: A remote user interface transmits a digital media request through a first communication link to a media management control which is coupled by a second communication link to a digital audio-visual playback device for selecting and playing a stored digital media by the playback device. The media management control executes a set of rules applicable to each playback device in determining whether or not a user request will be accepted or rejected for play on a particular playback device.



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#### G11B 20/10(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

#### FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8: G11B 20/10; G06F 15/16; H04N 7/16; G06F 9/46; G06F 9/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: jukebox, network, global, local, rule, play, request, search, user interface, and browse

#### DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0138192 A1 (MARK J. ENCARNACION et al.) 23 June 2005 See paragraphs [0073]-[0106] and figure 3.	1-14
A	US 2002-0112035 A1 (BRIAN M. CAREY et al.) 15 August 2002 See paragraphs [0061]-[0068] and figure 1B.	1-14
A	EP 1345440 A2 (MICROSOFT CORPORATION) 17 September 2003 See page 12, line 32 - page 14, line 9 and figure 5.	1-14
A	US 2001-0044855 A1 (BRIAN CHRISTOPHER VERMEIRE et al.) 22 November 2001 See paragraphs [0020]-[0044] and figure 1.	1-14

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### PCT/US2010/029306

Patent document	Publication	Patent family	Publication
cited in search report	date	member(s)	date
US 2005-0138192 A1	23.06.2005	CN 1842782 A	04.10.2006
		CN 1842782 AO	04.10.2006
		EP 1692623 A2	23.08.2006
		EP 1692623 A4	22.10.2008
		EP 2154869 A2	17.02.2010
		EP 2154869 A3 JP 2007-515015 A	05.05.2010
		JP 2007-515015 A JP 2007-515015 T	07.06.2007 07.06.2007
		KR 10-2006-0112190 A	31. 10. 2006
		US 07555543 B2	30.06.2009
		WO 2005-067429 A2	28.07.2005
		WO 2005-067429 A3	13.04.2006
		WO 2005-067429 A3	28.07.2005
US 2002-0112035 A1	15.08.2002	None	
EP 1345440 A2	17.09.2003	AU 2000-19245 A1	19.06.2000
		EP 1147656 A2	24. 10. 2001
		EP 1345440 A3	15.09.2010
		EP 1345441 A2	17.09.2003
		EP 1345441 A3	05, 12, 2007
		JP 04456762 B2	12.02.2010
		JP 2002-532021 A	24.09.2002
		US 06628302 B2 US 07392532 B2	30.09.2003 24.06.2008
		US 2002-0085024 A1	04.07.2002
		US 2003-0189587 A1	09.10.2003
		WO 2000-033561 A2	08.06.2000
		WO 2000-033561 A3	08.06.2000
US 2001-0044855 A1	22.11.2001	US 06874152 B2	29,03,2005