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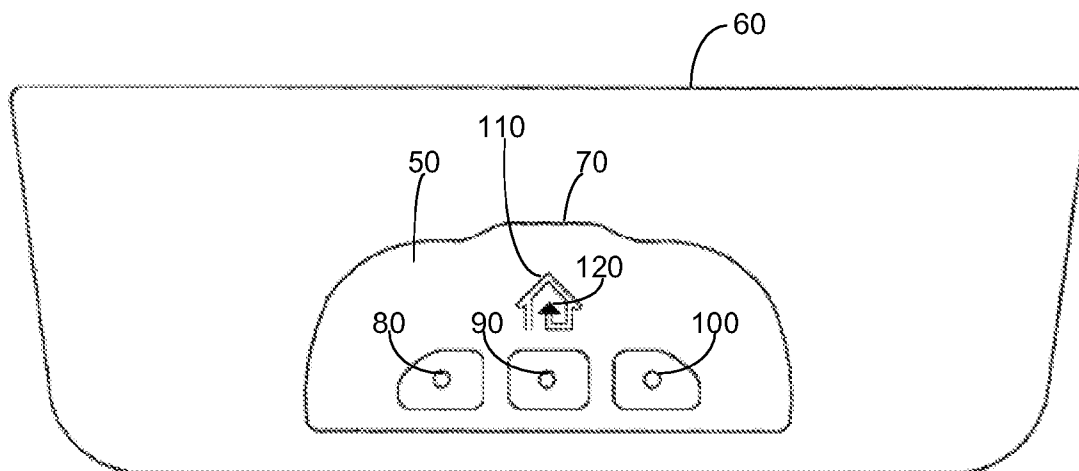
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(54) Title: SYSTEM AND METHOD FOR SHORT-RANGE COMMUNICATION FOR A VEHICLE



(57) Abstract: A system for communicating information and/or instructions includes a transmitter and receiver configured for wireless communication with a user interface. The information and/or instructions may be audibly communicated to the user. The system includes voice activation and controls. The wireless communication may utilize Bluetooth communication protocol.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. G08C17/00

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

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G08C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/048622 A1 (WITKOWSKI TODD R [US] ET AL) 11 March 2004 (2004-03-11) paragraphs [0013] - [0015] paragraphs [0035] - [0044] paragraphs [0052] - [0056] paragraphs [0065] - [0072] paragraphs [0079] - [0083] paragraphs [0086] - [0101] claims 1-15 -----	1-36
X	US 2002/197954 A1 (SCHMITT EDWARD D [US] ET AL SCHMITT EDWARD D [US] ET AL) 26 December 2002 (2002-12-26) paragraphs [0011] - [0014] paragraphs [0020] - [0022] paragraphs [0025] - [0030] claim 1 ----- -/--	1-36

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/053378 A1 (LOVIN JAMES MILTON [US] ET AL) 20 March 2003 (2003-03-20) paragraphs [0009] - [0013] paragraphs [0024] - [0036] claim 1 -----	1-36
A	LIND R ET AL: "The network vehicle-a glimpse into the future of mobile multi-media" DIGITAL AVIONICS SYSTEMS CONFERENCE, 1998. PROCEEDINGS., 17TH DASC. THE AIAA/IEEE/SAE BELLEVUE, WA, USA 31 OCT.-7 NOV. 1998, NEW YORK, NY, USA, IEEE, US, vol. 2, 31 October 1998 (1998-10-31), pages I21-1, XP010318184 ISBN: 0-7803-5086-3 the whole document -----	1,13,19, 27
A	WO 01/28187 A (BLUE WIRELESS INC [US]; BEN EFRAIM AMIR [US]; NAHM TAE HAE [US]; HUDSO) 19 April 2001 (2001-04-19) page 4, line 8 - page 6, line 18 -----	1,13,19, 27

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2007/076814
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2004048622 A1	11-03-2004	US 2008045274 A1	21-02-2008
US 2002197954 A1	26-12-2002	CA 2490723 A1 WO 03001694 A1 US 2005202853 A1	03-01-2003 03-01-2003 15-09-2005
US 2003053378 A1	20-03-2003	NONE	
WO 0128187 A	19-04-2001	AU 4606601 A US 7203721 B1	23-04-2001 10-04-2007