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#### (54) Parking Locator

(57) A parking locator (104) having one or more sensors (108) and a logic device is disclosed herein. The sensors (108) are generally configured to detect the presence of an object within a parking space (112). The logic device determines whether a vehicle is present within a parking space based on information from the sensors and may communicate this to one or more external devices. The parking locator includes a body (120) to which

the one or more sensors and logic device are attached. The body may conform to a parking header (116) or curb. Parking locators may be configured in a parking locator system comprising clusters of one or more parking locators which communicate to a location server or other external device. The location server may organize and store parking information and communicate parking information to user devices.

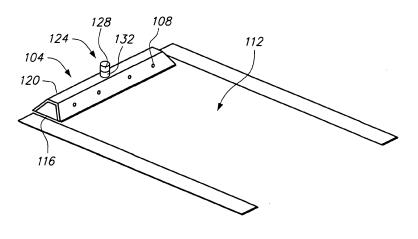


FIG. 1



## **EUROPEAN SEARCH REPORT**

Application Number

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	DOCUMENTS CONSIDE	RED TO BE RELEVANT		
Category	Citation of document with in of relevant passa		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X Y	26 April 2005 (2005 * column 3, line 27 figures 1,2 *	- column 6, line 24;	1-6,12 13-15	INV. G08G1/14
X Y	US 2007/040701 A1 ( AL) 22 February 200 * abstract * * paragraph [0018] figure 1 * * paragraph [0034] figure 5 * DE 10 2004 032346 A	- paragraph [0022]; - paragraph [0035]; 1 (BOSCH GMBH ROBERT	1-6,12 13-15	
v	* the whole documen	t * 		
X	ET AL) 16 December * abstract * * paragraph [0041] figures 1A,1B * * paragraph [0057] figures 3,4 * * paragraph [0063] figure 7A * * paragraph [0070] * paragraph [0072] figures 5,6 *	- paragraph [0047]; - paragraph [0058]; - paragraph [0065]; * - paragraph [0074];/	1,2,4-6,	TECHNICAL FIELDS SEARCHED (IPC)
	Place of search	Date of completion of the search		Examiner
X : part Y : part docu A : tech	Munich  ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another incombined with	L : document cited fo	underlying the ir ument, but publis the application r other reasons	hed on, or

EPO FORM 1503 03.82 (P04C01)

P : intermediate document

document



# **EUROPEAN SEARCH REPORT**

Application Number EP 13 16 1236

	DOCUMENTS CONSIDERED	TO BE RELEVANT				
Category	Citation of document with indicatio of relevant passages	n, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)		
Category Y A		EHMANN MARIO [DE]) 17) ragraph [0040]; ragraph [0044];		TECHNICAL FIELDS SEARCHED (IPC)		
	The present search report has been dr Place of search Munich ATEGORY OF CITED DOCUMENTS	Date of completion of the search  12 July 2013  T: theory or principl E: earlier patent do	e underlying the in cument, but publis	Examiner , Rüdiger  Ivention hed on, or		
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		D : document cited i L : document cited fo & : member of the sa	after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

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

EP 13 16 1236

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

12-07-2013

cit	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
US	6885312	B1	26-04-2005	NONE		
US	2007040701	A1	22-02-2007	NONE		
DE	102004032346	A1	26-01-2006	NONE		
US	2004254840	A1	16-12-2004	NONE		
DE	102006048776	A1	17-04-2008	NONE		
			ficial Journal of the Euro			