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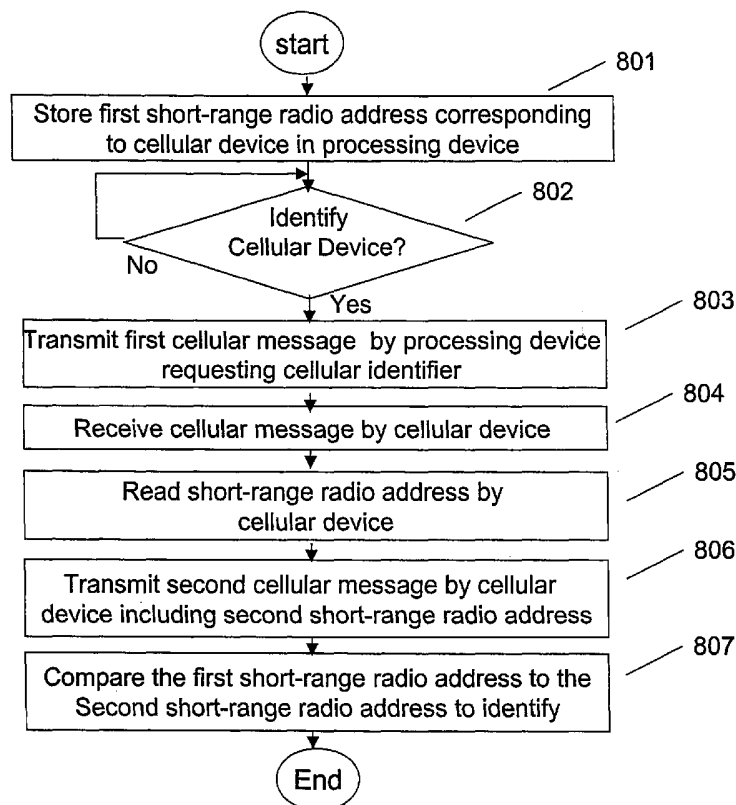
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[Continued on next page]

(54) Title: A DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR IDENTIFYING AND AUTHENTICATING A CELLULAR DEVICE USING A SHORT-RANGE RADIO ADDRESS



(57) Abstract: A method for using a short-range address, such as Bluetooth™ address, to identify a cellular device and authenticate cellular messages to the cellular device. A first short-range radio address for a cellular device is stored in a processing device, such as a server coupled to a cellular network. An authentication message is obtained by the processing device. A second short-range radio address is stored in the cellular device. A first message digest is calculated responsive to the authentication message and first short-range radio address. A cellular message, including the authentication message and the first message digest, is transmitted to the cellular device. The cellular device receives the cellular message and calculates a second message digest responsive to the authentication message and the second short-range radio address stored in the cellular device. The cellular device authenticates the cellular message responsive to comparing the first message digest to a second message digest.



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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)
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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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,T	US PUB 2004/0203384 A1 (SUGIKAWA et al) 14 October 2004 (14.10.2004), [0107]-[0110].	1-15, 30-53
X,T	US PUB 2004/0203372 A1 (MORIMOTO) 14 October 2004 (14.10.2004) [0040]-[0041]	16-29
A,T	US PUB 2004/0203950 A1 (CHEN) 14 October 2004 (14.10.2004), [0017].	1-53
A	US PUB 2002/0126845 A1 (HUE et al) 12 September 2002 (12.09.2002), [0012]-[0021].	1-53
A,T	US PUB 2005/0130627 A1 (CALMEL et al) 16 June 2005 (16.06.2006), [0007]-[0018].	1-53
A,T	US PUB 2006/0148402 A1 (HAGIWARA) 6 July 2006 (06.07.2006), [0012]-[0030].	1-53
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