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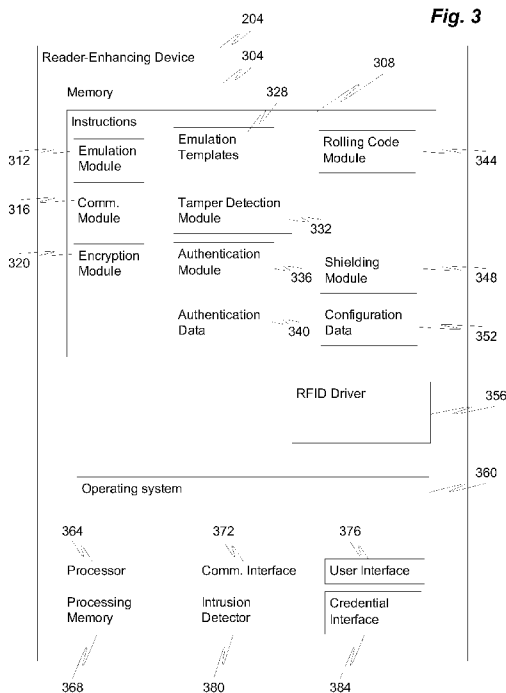
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(54) **Title:** METHOD FOR UPGRADING RFID READERS IN SITU



(57) **Abstract:** A reader-enhancing device is proposed which enables an in situ upgrade of readers having limited processing capabilities. The reader-enhancing device includes an emulation module that is capable of generating an output which emulates a first type of credential when the reader-enhancing device receives an input that is not in a format used by the first type of credential. The output generated by the emulation module enables the reader to respond to the input even though the input is not in a format natively supported by the reader.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - H04Q 5/22 (2012.01) USPC - 340/10.1 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) IPC(8) - G06K 19/07; H04B 5/00; H04Q 5/22; H04W 12/06 (2012.01) USPC - 235/462.01; 340/10.1, 10.3, 10.51, 12.51, 12.53, 13.26, 500, 540, 572.4 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) PatBase		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 7,701,348 B2 (KIM) 20 April 2010 (20.04.2010) entire document	1-7, 13-19, 22
Y	US 2004/0196143 A1 (CRUMP et al) 07 October 2004 (07.10.2004) entire document	1-7, 13-19, 22
Y	WO 2008/017889 A1 (WONG et al) 14 February 2008 (14.02.2008) entire document	2-3, 19, 22
Y	WO 2009/008861 A1 (STEWART) 15 January 2009 (15.01.2009) entire document	4-5, 7
Y	US 7,439,860 B2 (ANDRESKY) 21 October 2008 (21.10.2008) entire document	19
A	US 7,571,863 B2 (LAUPER) 11 August 2009 (11.08.2009) entire document	1-7, 13-19, 22
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