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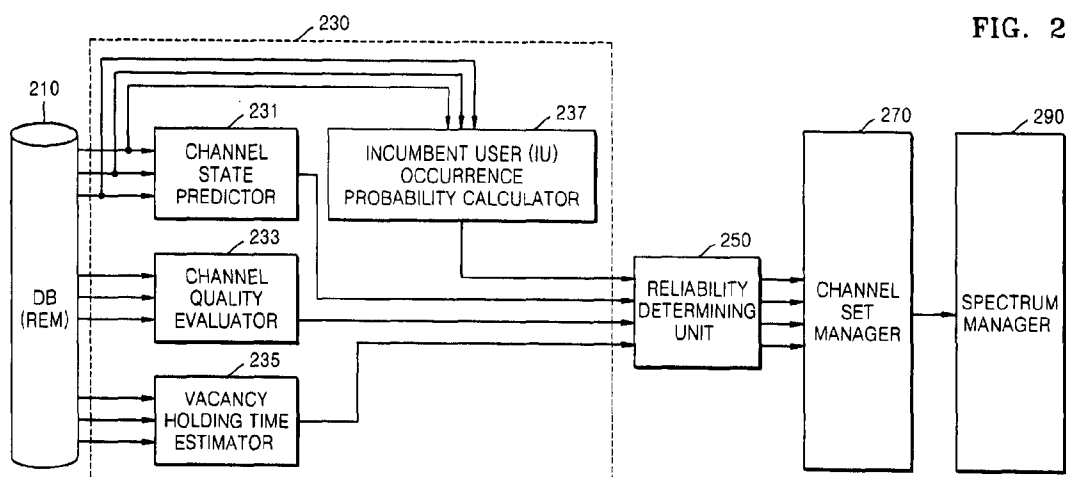


FIG. 2

(57) Abstract: Provided are a method and an apparatus for managing a channel set in a cognitive radio (CR) communication system. A CR communication system for dynamically allocating frequencies or channels manages vacant channels regularly so as to set an appropriate priority to usage of the vacant channels such that a channel set can be managed efficiently.

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A. CLASSIFICATION OF SUBJECT MATTER***H04B 7/26(2006.01)i, H04L 12/28(2006.01)i***

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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

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

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

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2007/055551 A1 (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 18 May 2007 See page 3, line 24 - page 25, line 14.	1-17
A	US 2005/0195909 A1 (HWANG et al.) 8 Sep. 2005 See Paragraph [0023] - Paragraph [0059].	1-17

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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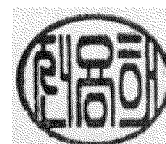
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