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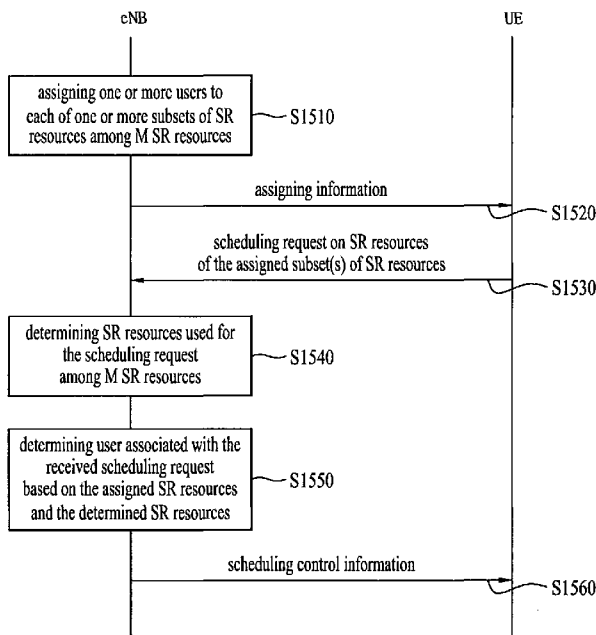
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(54) Title: METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING SCHEDULING REQUEST USING SHARED RESOURCE BASED FILTERING IN RADIO COMMUNICATION SYSTEM

FIG. 15



(57) Abstract: Disclosed herein is a method and apparatus for transmitting and receiving a scheduling request using a shared resource based filtering method in a radio communication system. The method for supporting scheduling request using shared resources at a base station including assigning each of one or more users to each of one or more subsets of Scheduling Request (SR) resources of a set consisting of a number, M, of SR resources, receiving scheduling request for the one or more users, determining SR resources used for the scheduling request among M SR resources, determining one or more users associated with the received scheduling request based on the assigned SR resources and the determined SR resources, and transmitting scheduling control information to determined one or more users.

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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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Korean utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: random access, with dedicated channel

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2009-0086671 A1 (PELLETIER BENOIT et al.) 02 April 2009 See Abstract; Fig. 1; Claims 1-10.	1-20
A	US 7583691 B2 (MARTIN BEATRICE) 01 September 2009 See Abstract; Claims 1-8.	1-20
A	US 2008-0113684 A1 (JUNG YOUNG-HO et al.) 15 May 2008 See Abstract; Figs. 1-10; Claims 1-13.	1-20

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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