

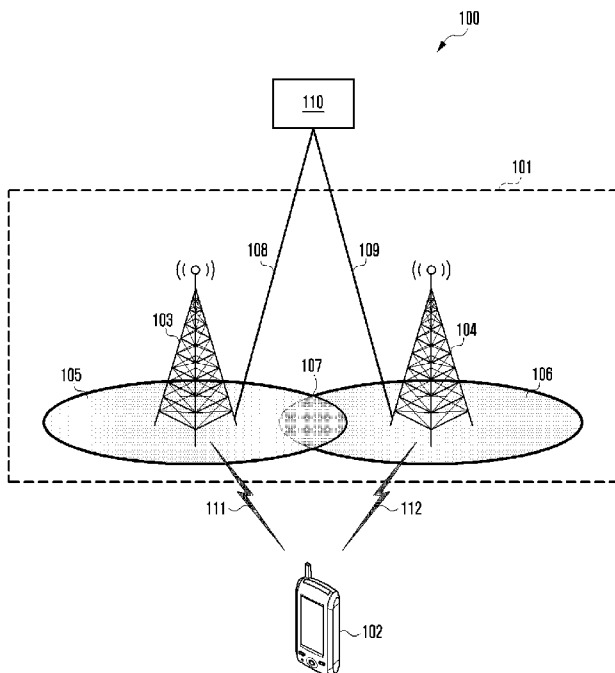


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- (84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) **Title:** PROCESSING STATE INFORMATION



(57) **Abstract:** A method of operating a user equipment in a communications system comprising at least one cell that is controlled by a radio access node, the method comprising: maintaining current state information relating to the user equipment, the state information comprising at least one state information part associated with one or more features for which state information reporting may be configured in the at least one cell, the at least one state information part being associable with a plurality of different values; receiving an indication from the radio access node regarding state information held by the radio access node relating to the user equipment; determining whether to report current state information relating to the user equipment to the radio access node on the basis of the received indication; and reporting a current value associated with at least a given state information part to the radio access node in response to determining that current state information relating to the user equipment should be transmitted on the basis of the received indication.





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**A. CLASSIFICATION OF SUBJECT MATTER*****H04W 24/10(2009.01)i, H04W 88/02(2009.01)i, H04W 36/04(2009.01)i***

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)

H04W 24/10; H04Q 7/38; H04W 36/00; H04W 36/06

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

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: state information, link failure, status information report

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2010-0124173 A1 (AGASHE PARAG A. et al.) 20 May 2010 See the abstract, paragraphs [0024]-[0025], figure 1	1-26
A	WO 2008-151325 A1 (QUALCOMM INCORPORATED et al.) 11 December 2008 See the abstract, paragraph [0074], figure 9	1-26
A	US 2010-0124918 A1 (AGASHE PARAG A. et al.) 20 May 2010 See the abstract, paragraphs [0028]-[0039], figure 2	1-26

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

\* Special categories of cited documents:

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

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Information on patent family members

International application No.

**PCT/KR2012/006651**

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