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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR AN AGILE WIRELESS ACCESS NETWORK

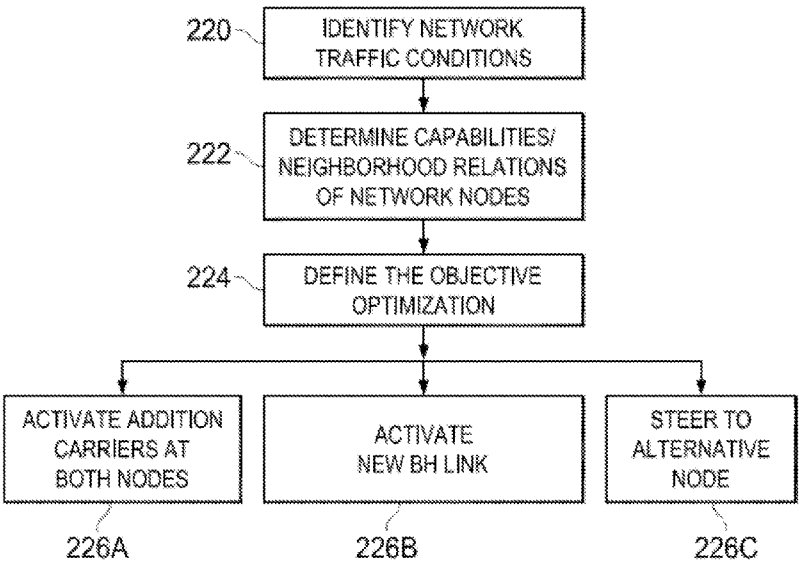


FIG. 2B

(57) Abstract: A system and method for agile wireless access network is provided.A method embodiment for agile radio access network management includes determining, by a network controller, capabilities and neighborhood relations of radio nodes in the radio access network. The network controller then configures a back haul network infrastructure for the radio access network in accordance with the capabilities and the neighborhood relations of the radio nodes.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

H04W

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)

CNABS, CNKI, VEN: capabilit+, neighbor+, node?, radio, network, backhaul, infrastructure, traffic, congestion, condition, topograph+, topology

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 102984708 A (ZTE CORP) 20 March 2013 (2013-03-20) description, page 2 line 12 - page 8 line 14 and figure 1	1-23
A	CN 103002467 A (ZTE CORP) 27 March 2013 (2013-03-27) the whole ducument	1-23
A	WO 2012096605 A1 (TELEFONAKTIEBOLAGET ERICSSON L M ET AL.) 19 July 2012 (2012-07-19) the whole document	1-23

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

* Special categories of cited documents:

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
18 August 2014	**23 September 2014**

Name and mailing address of the ISA/CN	Authorized officer
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Information on patent family members

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Patent document cited in search report	Publication date (day/month/year)	Patent family member(s)	Publication date (day/month/year)
CN 102984708 A	20 March 2013	WO 2013034021 A1	14 March 2013
CN 103002467 A	27 March 2013	WO 2013037233 A1	21 March 2013
WO 2012096605 A1	19 July 2012	EP 2664213 A1	20 November 2013
		US 2012184204 A1	19 July 2012