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- (81) 指定国 (除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW。
- (84) 指定国 (除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲 (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)。
- 本国际公布:
- 包括国际检索报告(条约第21条(3))。
 - 在修改权利要求的期限届满之前进行, 在收到该修改后将重新公布(细则48.2(h))。

[见续页]

(54) Title: METHOD AND APPARATUS FOR PROCESSING NETWORK CONFIGURATION, AND RADIO NETWORK CONTROLLER

(54) 发明名称: 一种网络配置处理方法、装置和无线网络控制器

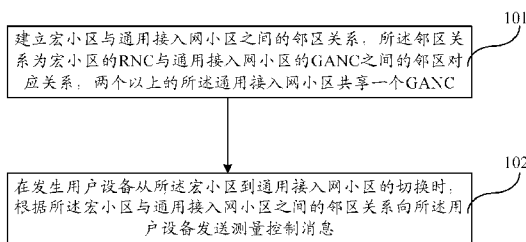


图 2 / Fig. 2

- 101 A NEIGHBOR RELATIONSHIP BETWEEN A MACRO CELL AND A GENERIC ACCESS NETWORK (GAN) CELL IS ESTABLISHED, WHICH IS A NEIGHBOR CORRESPONDENCE RELATIONSHIP BETWEEN THE RNC OF THE MACRO CELL AND THE GENERIC ACCESS NETWORK CONTROLLER (GANC) OF THE GAN CELL, WHEREIN MORE THAN TWO GAN CELLS SHARE ONE GANC
- 102 WHEN A USER EQUIPMENT HANDOVERS FROM THE MACRO CELL TO THE GAN CELL, A MEASUREMENT CONTROL MESSAGE IS SENT TO THE USER EQUIPMENT ACCORDING TO THE NEIGHBOR RELATIONSHIP BETWEEN THE MACRO CELL AND THE GAN CELL

(57) Abstract: A method and an apparatus for processing network configuration, and a Radio Network Controller (RNC) are provided. The method includes: a neighbor relationship between a macro cell and a Generic Access Network (GAN) cell is established, which is a neighbor correspondence relationship between the RNC of the macro cell and the Generic Access Network Controller (GANC) of the GAN cell, wherein more than two GAN cells share one GANC (101); when a user equipment handovers from the macro cell to the GAN cell, a measurement control message is sent to the user equipment according to the neighbor relationship between the macro cell and the GAN cell (102). A corresponding apparatus and RNC are also provided. The present invention makes it possible to effectively reduce the complexity of neighbor network configuration between the Universal Mobile Telecommunications System (UMTS), Long Term Evolution (LTE) network, etc. and GAN, and reduce the workload of network management and configuration.

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- 根据申请人的请求，在条约第 21 条(2)(a)所规定 (88) 国际检索报告公布日期: 2012 年 3 月 22 日的期限届满之前进行。

(57) 摘要:

本发明提供一种网络配置处理方法、装置和无线网络控制器。该方法包括：建立宏小区与通用接入网小区之间的邻区关系，所述邻区关系为宏小区的无线网络控制器与通用接入网小区的通用接入网控制器之间的邻区对应关系，两个以上的所述通用接入网小区共享一个通用接入网控制器（101）；在发生用户设备从所述宏小区到通用接入网小区的切换时，根据所述宏小区与通用接入网小区之间的邻区关系向所述用户设备发送测量控制消息（102）。本发明还提供了相应的装置以及无线网络控制器。本发明能够有效降低 UMTS、LTE 等网络与 GAN 网络进行邻网网络配置的复杂度，减少网络管理和配置工作的工作量。

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2011/073949

A. CLASSIFICATION OF SUBJECT MATTER

H04W 36/00 (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)

IPC: H04W; H04L; H04Q

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; CPRSABS; CNTXT; VEN; CNKI: macro cell, GAN, UMA, controller, GANC, UNC, neighbor, handover, handoff, correspond, measurement, control

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN101272602A (HUAWEI TECHNOLOGIES CO LTD) 24 Sept. 2008 (24.09.2008) abstract, description page 11 line 23- page 15 line 13, fig. 7	1-12
A	CN101448239A (HUAWEI TECHNOLOGIES CO LTD) 03 June 2009 (03.06.2009) the whole document	1-12
A	CN101543107A (KINETO WIRELESS INC) 23 Sept. 2009 (23.09.2009) the whole document	1-12
A	WO2009059622A1 (TELEFONAKTIEBOLAGET ERICSSON L M ET AL.) 14 May 2009 (14.05.2009) the whole document	1-12

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

* Special categories of cited documents:	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“A” document defining the general state of the art which is not considered to be of particular relevance	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“E” earlier application or patent but published on or after the international filing date	“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
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“&” document member of the same patent family
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
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02 Feb. 2012 (02.02.2012)Name and mailing address of the ISA/CN
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
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		AT531212T	15.11.2011

国际检索报告
关于同族专利的信息

国际申请号
PCT/CN2011/073949

检索报告中引用的 专利文件	公布日期	同族专利	公布日期
CN101272602A	24.09.2008	无	
CN101448239A	03.06.2009	CN101448239B	29.09.2010
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