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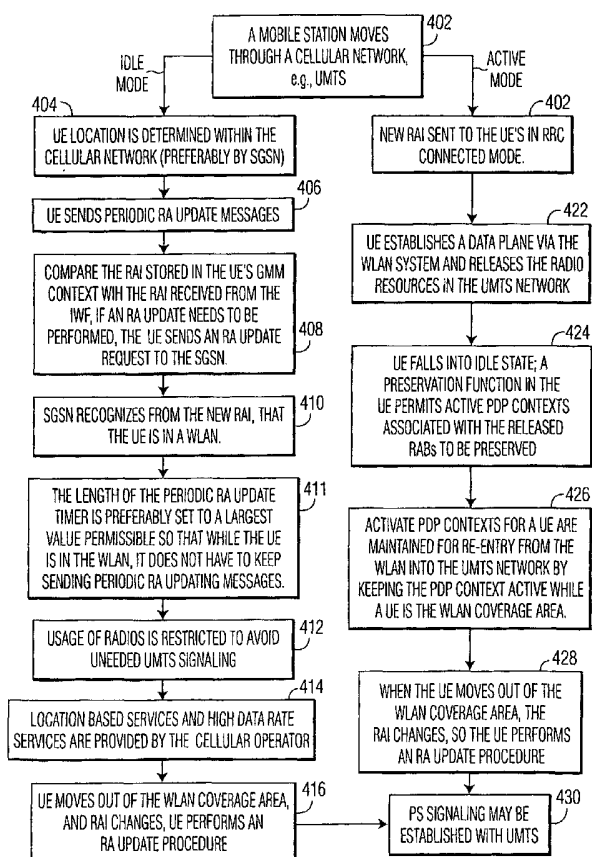
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(54) Title: REGISTRATION OF A WLAN AS A UMTS ROUTING AREA FOR WLAN-UMTS INTERWORKING



(57) Abstract: A system for employing a wireless local (Fig. 4) area network (WLAN) (14) as a cellular network routing area includes a cellular network (12), which is capable of determining a location where a service request is made. The cellular (12) network includes a packet-based support node B, which determines if the request can be serviced through a WLAN (14), which is identified in the cellular network (12) as a routing area. Packet data protocol (PDP) context is maintained while servicing the request using the WLAN (14) to provide smooth interworking between the WLAN (14) and the cellular network (12).



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,  
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## INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : H04L 7/00, 12/66, 12/28, 12/56; H04Q 7/20, 7/24; H04M 11/00,

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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)

U.S. : 455/453, 448, 449, 456.5, 406, 408, 403, 414.1, 445, 552, 555, 411, 432.2, 414.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched, EAST, WEST

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

WLAN, PDP, UTMS,

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,E	US 2003/0119481 A1 (HAVERINEN et al.) 26 June 2003, ALL	1, 11
A,P	US 2002/0031160 A (GIBSON ANG et al.) 13 February 2003, ALL	12-18
A,P	US 2003/0014367 A1 (TUBINIS) 16 January 2003, ALL	1-18
A,P	US 2002/0168969 A1 (KOSKIENEN et al.) 14 November 2002, ALL	1-18
A,E	US 2003/0157937 A1 (OIKARINEN et al.) 21 August 2003, ALL	1-18
A,E	US2003/0171112 A1 (LUPPER et al.) 11 September 2003, ALL	1-18

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

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"O" document referring to an oral disclosure, use, exhibition or other means	
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