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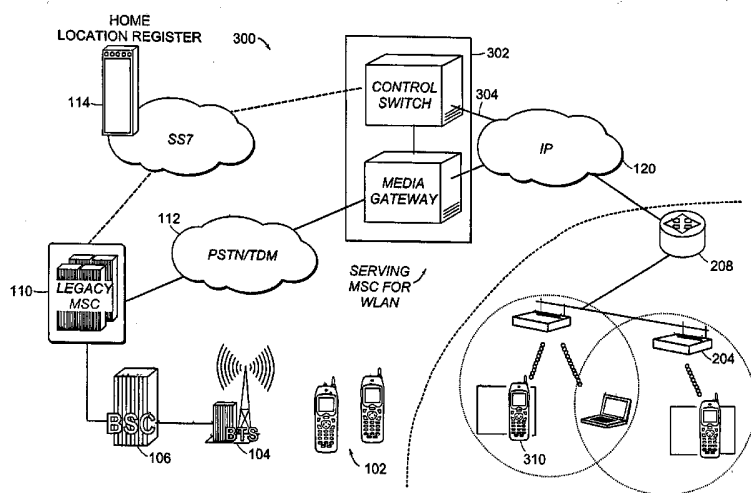
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[Continued on next page]

(54) Title: METHOD, SYSTEM AND APPARATUS FOR PROVIDING WWAN SERVICES TO A MOBILE STATION SERVICED BY A WLAN



(57) Abstract: A method, system and apparatus for internetworking a WWAN and a WLAN are disclosed. More specifically, a method, system and apparatus for providing WWAN services to a mobile station serviced by a WLAN are disclosed. An MSC (302) is provisioned to serve a WLAN. The MSC (302) that serves the WLAN receives WWAN messages that provide a WWAN service. The MSC (302) forms SIP messages using the received WWAN messages and delivers the SIP messages to the WLAN via an IP link (304). The WLAN delivers the SIP messages to the mobile station via a WLAN air interface protocol. Under one embodiment, the WWAN service is a Short Message Service (SMS). Under another embodiment, the WWAN service is a Message Wait Notification (MWN). Under another embodiment, an MSC (302) that services the WLAN and an MSC (302) servicing the WWAN cooperate to provide TFO call services between an mobile station operating in the WLAN and a mobile station operating in the WWAN.



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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)																				
C. DOCUMENTS CONSIDERED TO BE RELEVANT																				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																		
Y	US 6,243,581 B1 (JAWANDA) 05 June 2001 (05. 06. 2001), column 1, lines 25-27, column 2, lines 38-80	1, 2, 3, 19, 20																		
Y, P	US 6,377,608 B1 (ZYREN) 23 April 2002 (23. 04. 2002), column 1, lines 45-46, column 2, lines 28-40	1, 2, 3, 19, 20																		
A, P	US 6,486,832 B1 (ABRAMOV et al) 26 November 2002 (26.11.2002), see entire reference.	4- 18, 21-46																		
A, E	US 6,549,768 B1 (FRACCAROLI) 15 April 2003 (15. 04. 2003), see entire reference.	4-18, 21-46																		
A, E	US 6,525,648 B1 (KUBLER et al) 25 February 2003 (25. 02. 2003), see entire reference	4-18, 21-46																		
☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.																				
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