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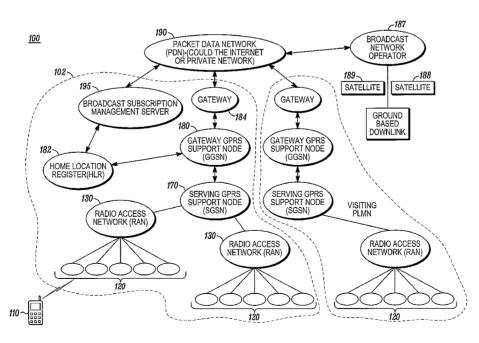
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(54) Title: BROADCAST SUBSCRIPTION MANAGEMENT METHOD AND APPARATUS



6 (57) Abstract: A method and apparatus for broadcast subscription management in a mobile station (110) comprises sending (302) a subscriber identifier, which may be for example an international mobile station identifier and a radio receiver identification with a transmitter of the mobile station to a wireless communications network (100). The mobile station receives, from a Broadcast Network Operator (187), through the wireless communications network, a shared secret key. The mobile station authenticates (306) a broadcast radio receiver of the mobiles station or broadcast data received from the broadcast network operator with the shared secret key.



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INTERNATIONAL SEARCH REPORT

International application No PCT/US2006/005771

A. CLASSIFICATION OF SUBJECT MATTER INV. H04L12/56 H04Q7/38 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) H04L H04Q H04B 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 practical, search terms used) EPO-Internal. WPI Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X US 2001/042096 A1 (ICHIYOSHI OSAMU [JP]) 19,20, 22,23 15 November 2001 (2001-11-15) paragraph [0001] - paragraph [0028] paragraph [0054] - paragraph [0058] paragraph [0069] paragraph [0083] - paragraph [0084] paragraph [0099] claim 13 γ 1-13,17,21,24,27 14 - 16, A 18,25, 26,28,29 X 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 "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "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) "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. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 2 March 2007 14/03/2007 Name and mailing address of the ISA/ Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016 Vaskimo, Kimmo

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