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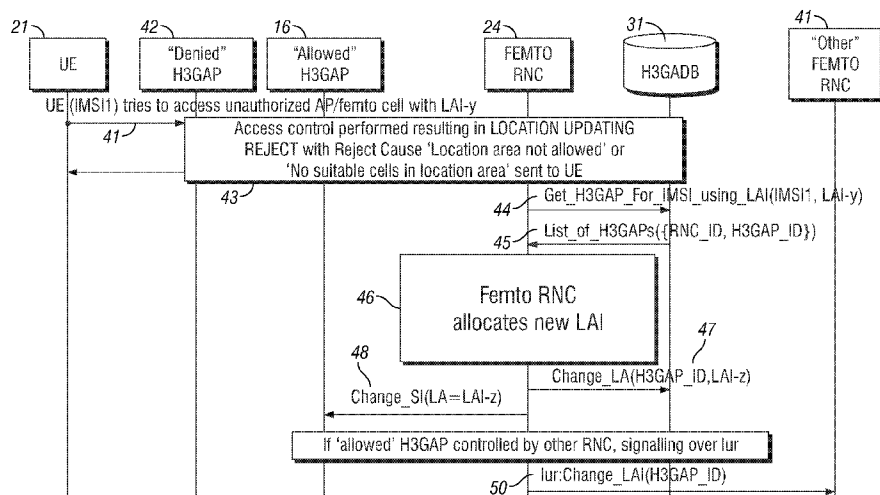
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: ACCESS CONTROL METHOD INVOLVING DYNAMICALLY CHANGING LOCATION AREA IDENTITIES



(57) Abstract: A system, method, and arrangement for controlling access to a wireless communication network. When a User Equipment, UE, (21) is denied access to the network through a first access point (42), the UE stores the Location Area Identity, LAI, utilized at the first access point on a list of forbidden LAIs in the UE. If the LAI stored by the UE is utilized at another access point (16) where the UE is allowed access, the LAI at the other access point is dynamically changed to a second LAI that is not on the UE's list of forbidden LAIs. An access point database (31) stores a table defining which UEs are allowed to utilize each access point. The database also stores a list of rejected LAIs for each UE. A radio network controller (24) accesses the database to determine an allowed LAI, and changes the LAI at the other access points where the UE is allowed access.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE2007/050697

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: see extra sheet

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: H04Q, H04L

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

SE,DK,FI,NO classes as above

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

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20050148368 A1 (SCHEINERT, S ET AL), 7 July 2005 (07.07.2005), figures 2-4, abstract, paragraphs [0008]-[0012], [0084]-[0087] --	1-15
A	US 20020123348 A1 (WILLARS, P ET AL), 5 Sept 2002 (05.09.2002), figures 1-8, abstract, paragraphs [0020]-[0033], [0072]-[0107] --	1-15
P,A	US 20070037577 A1 (DALSGAARD, L ET AL), 15 February 2007 (15.02.2007), figures 1-6, claims 1-33, abstract, paragraphs [0026]-[0044] -- -----	1-15

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**H04Q 7/38 (2006.01)**

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Cited literature, if any, will be enclosed in paper form.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

26/01/2008

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PCT/SE2007/050697

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