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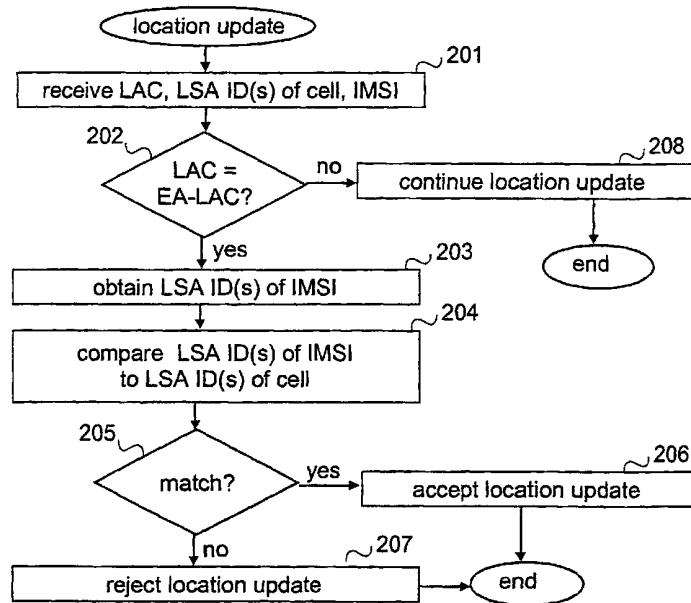
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[Continued on next page]

(54) Title: CAMPING IN AN EXCLUSIVE CELL



(57) Abstract: In a mobile communications system exclusive location areas comprising exclusive cells are defined in order to separate cells from the mobile stations not belonging to the user group allowed to camp in the cell and still to allow emergency calls for all mobile stations in these cells. During location update it is checked whether the cell belongs to an exclusive location area (202) and if it does, it is determined whether or not the subscriber is allowed to camp in the cell.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 00/00179

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/20, H04Q 7/36

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)

IPC7: H04Q

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 9830056 A2 (NOKIA TELECOMMUNICATIONS OY), 9 July 1998 (09.07.98), page 14, line 13 - page 16, line 6 --	1-20
X	WO 9839940 A2 (TELEFONAKTIEBOLAGET LM ERICSSON), 11 Sept 1998 (11.09.98), page 15, line 12 - page 19, line 8 -- -----	1-20

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

* Special categories of cited documents:

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"&" document member of the same patent family

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 Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9830056 A2	09/07/98	AU 5324898 A	31/07/98
		FI 2907 U	26/05/97
		FI 970034 A,V	04/07/98
		FI 973615 A	04/07/98
		FI 2859 U	25/04/97
		FI 3106 U	27/10/97
		FI 970035 A,V	04/07/98

WO 9839940 A2	11/09/98	AU 6427698 A	22/09/98
