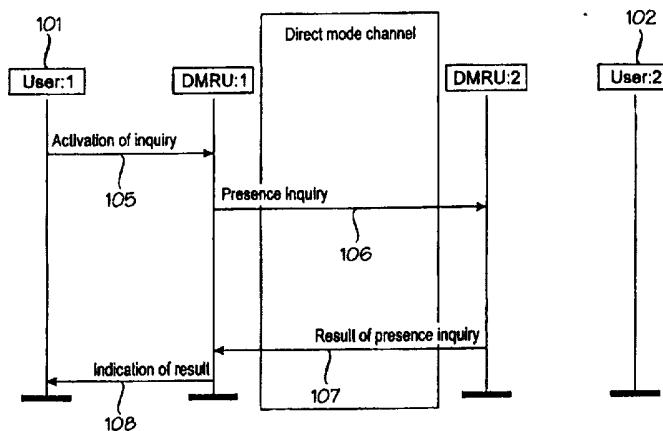




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(71) Applicant (for all designated States except US):	NOKIA TELECOMMUNICATIONS OY [FI/FI]; Upseerinkatu 1, FIN-02600 Espoo (FI).	(72) Inventors; and	
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		(88) Date of publication of the international search report:	23 October 1997 (23.10.97)

(54) Title: CHECKING THE PRESENCE OF MOBILE STATIONS COMMUNICATING ON A DIRECT MODE CHANNEL



(57) Abstract

A method of checking the presence of mobile stations (DMRU:2, 500) communicating on a direct mode channel. The method comprises the steps of: a) sending (302) a presence inquiry message (106) provided with an identity from a first mobile station to a second mobile station (DMRU:2) on the direct mode channel, b) receiving said presence inquiry message at the second mobile station (DMRU:2), c) comparing the identity contained in said presence inquiry message (106) with the identity of the second mobile station, d) if the comparison shows that the identities are identical, sending an acknowledgement (107) containing the identity of the second mobile station from the second mobile station to the first mobile station on the direct mode channel, and e) indicating the result of the presence inquiry to the user (101) of the first mobile station.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 97/00079

A. CLASSIFICATION OF SUBJECT MATTER**IPC6: H04Q 7/20, H04B 7/25**

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)

IPC6: 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)

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Y	--	7-8

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Date of the actual completion of the international search

12 Sept 1997

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 97/00079

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

06/08/97	International application No.
PCT/FI 97/00079	

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