

(57) Abstract: Transferring communication within a communication system occurs as follows: during communication with a serving base station (101), in order to shorten the duration before downlink data can be initiated to a remote unit (113) that has performed cell reselection, an automatic downlink procedure is executed. The auto downlink procedure transfers remote unit related information to a scheduler for appropriate allocation of air interface resources for a remote unit that recently has undergone a cell reselection procedure. When the remote unit reestablishes itself in a target cell (107'), the source packet control unit (107) determines that the cell reselection was successful and selectively transfers radio access capability information to the target packet control unit. The target packet control unit immediately is able to transfer downlink data arriving from the serving GPRS support node (105) to the remote unit without first establishing a downlink temporary block flow, thereby significantly reducing the time required for cell reselection.



ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/26911

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 007/20; H04M 001/00; H04B 001/38

US CL : 455/436, 438, 552

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)

U.S. : 455/436, 438, 552

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 practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0032032 A1 (HAUMONT et al) 14 March 2002 2002 figs 1-2, abstract	1-8
X,P	US 6,463,055 B1 (LUPIEN et al) 08 October 2002 fig. 8, col. 26 line 55 thru col. 27 line 20, abstract, col. 30 lines 20-55	9-13

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Further documents are listed in the continuation of Box C.

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See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703) 305-3230

Authorized officer

KENNETH A WEIDER

Telephone No. (703) 305-4710

INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:
EAST SEARCH
USPAT; USPUG; EPO; JPO; DERWE; NT