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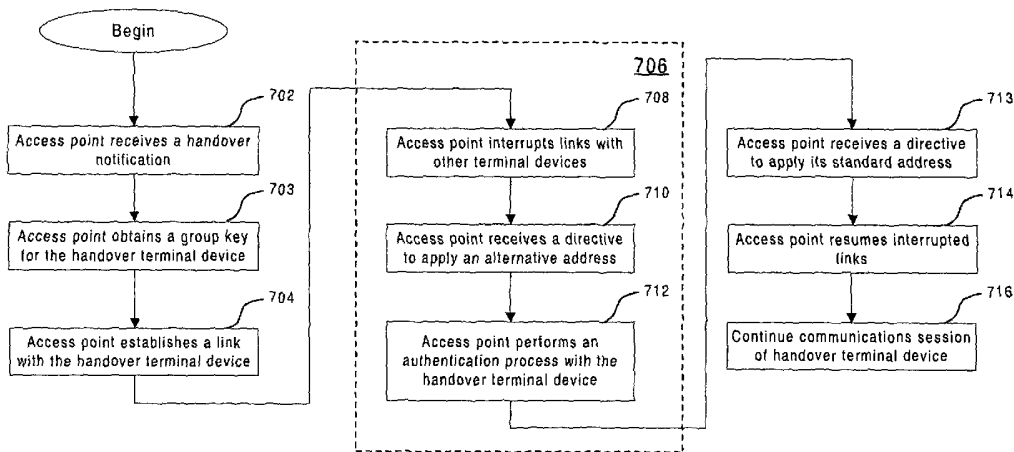
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(54) Title: METHOD AND SYSTEM FOR ACCESS POINT ROAMING



(57) Abstract: NEW ABSTRACT Efficient access point roaming techniques involve a terminal device handling over a wireless communications session from a first access point to a second access point. The terminal device establishes a link with a second access point (704); authenticates the link with the second access point using an alternative access point address (712) and a group key associated with the terminal device (703); and continues the communications session with the second access point using an address of the second access point (716). Various alternative access point addresses may be used, such as the address of the first access point, or a random address created by the terminal device during initiation of a prior access point connection. The terminal device may transmit a directive to the second access point to employ the alternative access point address.

WO 2003/100990 A3

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/IB03/01951

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC(7) : H04M 1/66		
US CL : 455/436, 437, 438, 440, 411		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) U.S. : 455/436, 437, 438, 440, 411		
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)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,370,380 B1 (NOREFORS et al) 9 April 2002 (9.04.2002), abstract, column 1, lines 60-67, column 2, lines 1-37.	1, 4-5, 7, 10-11, 13, 16-17, 20-22, 24
Y	US 6,246,376 B1 (BORK et al) 12 June 2001 (12.06.2001), abstract, column 1, lines 30-35.	6, 12, 25
Y	EP 0 851 633 A2 (MOELARD) 01 July 1998 (01.07.1998), abstract, column 4, lines 50-58, column 5, column 9, lines 57-58, column 10, lines 1-22.	1-5, 7-11, 13-24, 26
Y,E	US 6,587,680 B1 (ALA-LAURILA et al) 1 July 2003 (01.07.2003), colulmn 12, column 13.	1-5, 7-11, 13-24, 26
Y	US 6,360,264 B1 (ROM) 19 March 2002 (19.03.2002), abstract, column 7, lines 39-67, column 8, lines 1-5.	1-5, 7-11, 13-24, 26
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> 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 William Trost <i>William Trost</i> Telephone No. 703-305-3900