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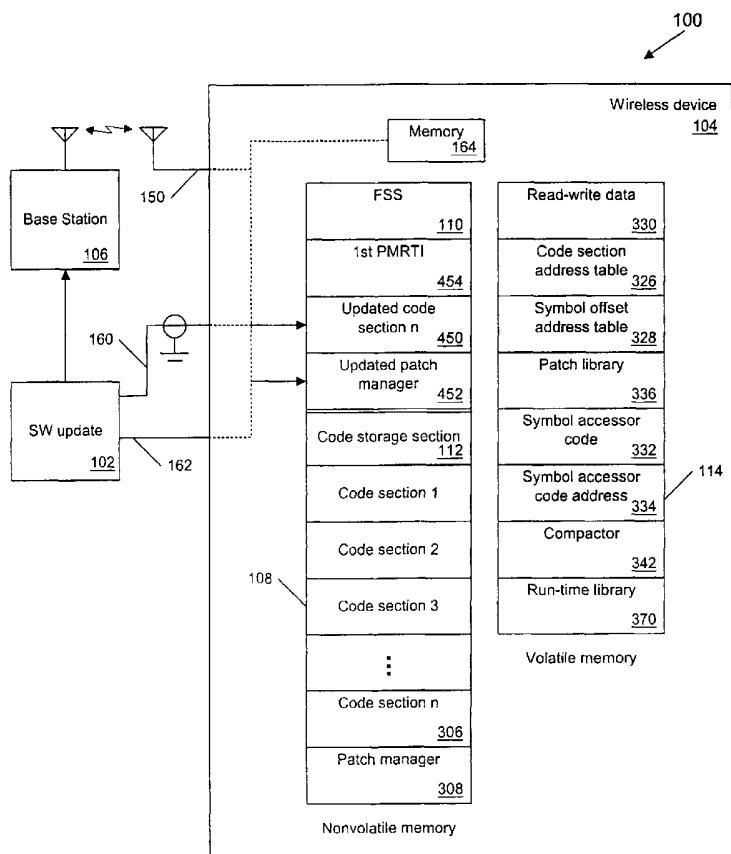
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR IMPROVED SECURITY IN A HANDSET REPROVISIONING AND REPROGRAMMING



(57) Abstract: Systems and methods for improved security in handset reprogramming are provided that prevent a handset from being reprogrammed in the field without authorization from carrier. When a handset receives a reprogramming request, or detects a reprogramming attempt, the handset contacts the carrier for authorization to be reprogrammed. The network can provide the authorization, deny the authorization, require additional information from the reprogramming device, or contact the reprogramming device directly to authorize the reprogramming. Additionally, the carrier may provide the handset and the reprogramming device each with a private key that can be converted by each device and then compared by the handset to determine if the reprogramming device is authorized.

WO 03/010942 A3



ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,  
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,  
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## INTERNATIONAL SEARCH REPORT

 Internati<sup>3</sup> Application No  
 PCT/IB 02/02906

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H04Q7/32

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 7 H04Q H04L

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 practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>o</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 023 620 A (HANSSON LARS) 8 February 2000 (2000-02-08) the whole document ---	1-25
A	US 5 673 317 A (COOPER GERSHON N) 30 September 1997 (1997-09-30) the whole document ---	1-25
A	US 5 699 275 A (KENNEDY III WILLIAM C ET AL) 16 December 1997 (1997-12-16) the whole document ---	
P, X	US 6 275 694 B1 (GAGLIONE PHILIPPE ET AL) 14 August 2001 (2001-08-14) the whole document -----	1, 7, 13, 21, 22

 Further documents are listed in the continuation of box C.

 Patent family members are listed in annex.

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- \*&\* document member of the same patent family

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