



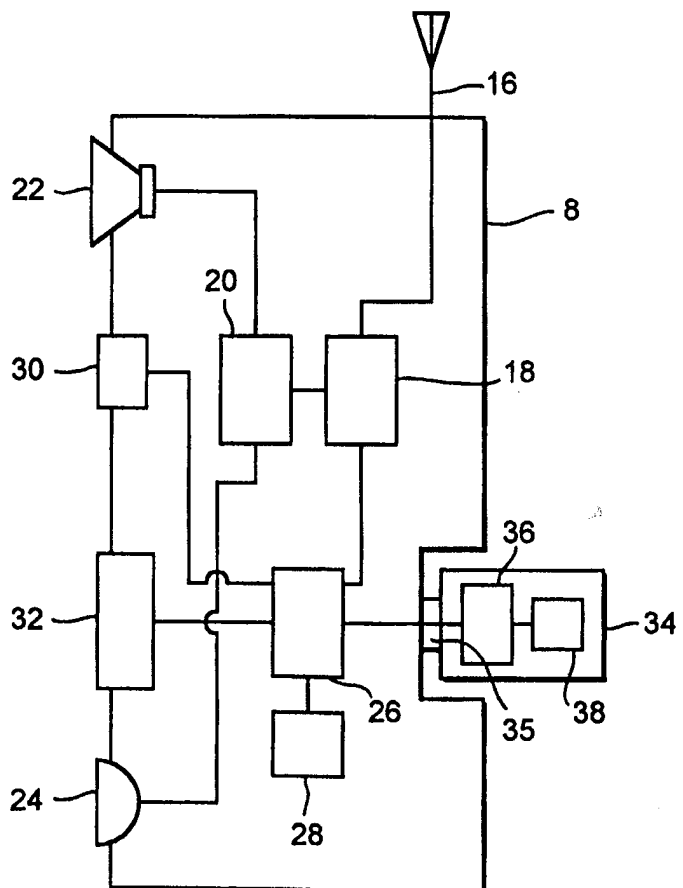
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification ⁶ : H04Q 7/32, H04M 1/274</p>	<p>A3</p>	<p>(11) International Publication Number: WO 98/11746 (43) International Publication Date: 19 March 1998 (19.03.98)</p>
<p>(21) International Application Number: PCT/GB97/00289 (22) International Filing Date: 31 January 1997 (31.01.97) (30) Priority Data: 9619159.8 13 September 1996 (13.09.96) GB (71) Applicant (for all designated States except US): ORANGE PERSONAL COMMUNICATIONS SERVICES LTD. [GB/GB]; St. James Court, Great Park Road, Almondsbury Park, Bradley Stoke, Bristol BS12 4QJ (GB). (72) Inventor; and (75) Inventor/Applicant (for US only): GREEN, Mark [GB/GB]; 20 Manor Farm Crescent, Hutton, Weston-Super-Mare, North Somerset BS24 9XB (GB). (74) Agents: MUSKER, David et al.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).</p>	<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 30 April 1998 (30.04.98)</p>	

(54) Title: STORING ABBREVIATING DIALLING NUMBER RECORDS IN A SUBSCRIBER MODULE INTERFACE

(57) Abstract

A subscriber interface module (SIM 34) for a mobile station (8) used in a GSM mobile communications system, the SIM operating system being adapted to perform data coding format conversion for data items stored in the SIM and transmitted to the mobile station. This ensures that the SIM is able to receive, and present, data items in the required standard format at the interface between the mobile station and the SIM, whilst allowing the data items to be stored in a compressed format in the SIM memory (38), thereby increasing the perceived storage capacity of the SIM. The data can be abbreviated dialling number records.



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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 97/00289

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 6 H04Q7/32 H04M1/274

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 6 H04Q H04M

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 251 357 A (MATSUHITA ELECTRIC INDUSTRIAL CO LTD) 1 July 1992	1, 2, 12, 13, 15-20, 25, 27
A	see page 8, line 14 - page 24, line 25 ---	29, 30
X	US 4 875 230 A (BLAIR K B) 17 October 1989	20, 21, 25
A	see the whole document ---	1, 17
	-/--	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

5 March 1998

Date of mailing of the international search report

11/03/1998

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 97/00289

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>FARRUGIA A J ET AL: "Smart Card Technology Applied to the future European Cellular Telephone on the digital D-Network"</p> <p>SELECTED PAPERS FROM THE SECOND INTERNATIONAL SMART CARD 2000 CONFERENCE, 4-6 OCTOBER 1989, AMSTERDAM, NL, 1991,</p> <p>pages 93-107, XP000472724</p> <p>see page 98, line 15 - line 23</p> <p>see page 100, line 1 - page 102, line 14</p> <p>see page 105, line 8 - page 107, line 8</p> <p style="text-align: center;">-----</p>	<p>1,5,11, 12, 15-18, 20,22, 25,29,30</p>

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 97/00289

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2251357 A	01-07-92	JP 4150444 A	22-05-92
US 4875230 A	17-10-89	NONE	