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(54) Title: METHOD, SERVER AND MOBILE COMMUNICATION DEVICE FOR MANAGING UNIQUE MEMORY DEVICE IDENTIFICATIONS

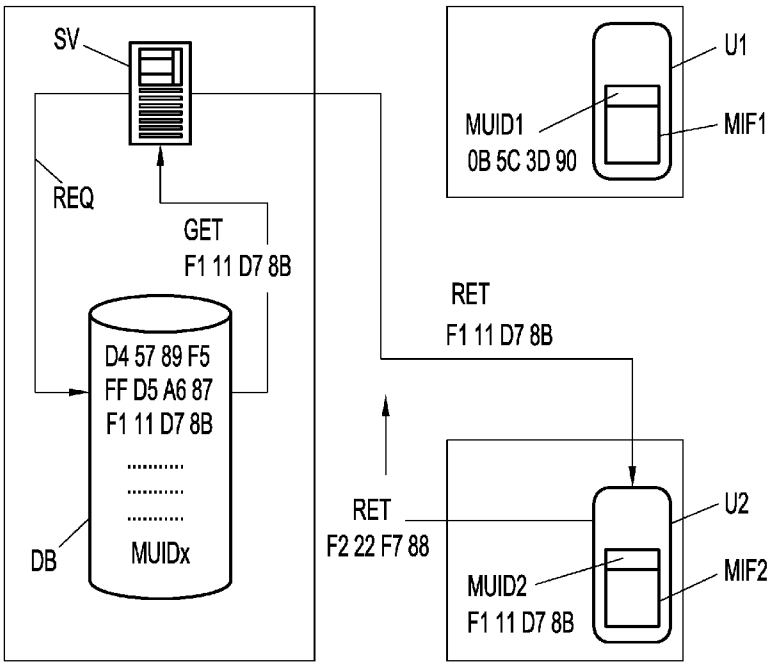


Fig. 8

(57) Abstract: A method for server-based managing of unique memory device identifications (MUIDl, MUID2), such as serial numbers, of memory devices (MIFl, MIF2) having unique memory device identifications, like MIFARE devices, preferably emulated MIFARE devices like SmartMX cards, which memory devices are arranged in mobile communication devices (Ul, U2), comprises keeping a repository (DB) of available memory device identifications (MUIDx); fetching a memory device identification from the repository (DB) and sending it to a specific mobile communication device (Ul, U2); and instructing the mobile communication device (Ul, U2) to change the memory device identification (MUIDl, MUID2) of its associated memory device (MIFl, MIF2) from its present value to the received new value. Further, the server instructs the mobile communication device (Ul, U2) to return the previous value of the memory device identification (MUIDl, MUID2) of its associated memory device (MIFl, MIF2). Finally the server will add the returned memory device identification value to the repository (DB) of memory device identifications (MUIDx).

WO 2009/013702 A3

NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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B. FIELDS SEARCHED

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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, WPI Data, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/058361 A (AT & T WIRELESS SERVICES INC [US]; SHIEH HUGH [US]; WONG GREG A [US]) 25 July 2002 (2002-07-25) abstract page 3, line 28 - page 4, line 12 page 4, line 29 - page 5, line 7 page 6, line 8 - line 17 page 7, line 31 - page 8, line 23 page 9, line 19 - line 28 page 10, line 7 - line 17 figure 4 --- -/--	1-13

[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2006/154646 A1 (TUNG HENTI [US]) 13 July 2006 (2006-07-13) abstract paragraph [0012] paragraph [0035] paragraph [0039] paragraph [0054] - paragraph [0056] -----	1-13
A	WO 03/077585 A (SCHLUMBERGER SYSTEMS & SERVICE [FR]; SCHLUMBERGER MALCO INC [US]; CHOI) 18 September 2003 (2003-09-18) abstract page 2, line 1 - line 18 page 11, line 6 - page 12, line 11 -----	1-13
A	EP 0 562 890 A (HUTCHISON MICROTEL LIMITED [GB] ORANGE PERSONAL COMM SERV LTD [GB]) 29 September 1993 (1993-09-29) column 4, line 18 - line 29 column 5, line 32 - column 6, line 9 -----	1-13

INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/IB2008/052920

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02058361 A	25-07-2002	AU 2002246615 A1	30-07-2002
		BR 0105120 A	25-06-2002
		CA 2358175 A1	07-05-2002
		EP 1340362 A2	03-09-2003
		JP 2004518356 T	17-06-2004
		JP 2008086046 A	10-04-2008
		MX PA01011175 A	21-05-2004
		US 2008171532 A1	17-07-2008
		US 6591098 B1	08-07-2003
US 2006154646 A1	13-07-2006	WO 2006076677 A1	20-07-2006
WO 03077585 A	18-09-2003	AT 361644 T	15-05-2007
		AU 2003215790 A1	22-09-2003
		CN 1444414 A	24-09-2003
		DE 60313589 T2	31-01-2008
		EP 1483935 A1	08-12-2004
		ES 2287498 T3	16-12-2007
		JP 2005520422 T	07-07-2005
		US 2006183500 A1	17-08-2006
EP 0562890 A	29-09-1993	AT 193965 T	15-06-2000
		DE 69328847 D1	20-07-2000
		DE 69328847 T2	07-12-2000
		ES 2149801 T3	16-11-2000
		HK 1005009 A1	09-03-2001