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(54) Title: SYSTEM AND METHOD FOR CONTEXT SENSITIVE MOBILE DATA AND SOFTWARE UPDATE

(57) Abstract: Method of performing change management for a mobile data system having a mobile client device that shares data with multiple enterprise data sources involves receiving a communication from the mobile client device, wherein the client request is received at an application server and includes metadata that identifies one or more applications installed at the mobile client device, determining if an update package is available for the installed application, and updating the mobile client device and downloading the update package to the mobile client device.



#### INTERNATIONAL SEARCH REPORT

ional Application No PCT/US2004/010938

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/30 G06F9/44

According to International Patent Classification (IPC) or to both national classification and IPC

#### B. FIELDS SEARCHED

 $\begin{tabular}{ll} Minimum documentation searched (classification system followed by classification symbols) \\ IPC \ 7 \ G06F \end{tabular}$ 

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

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/055927 A1 (SCHMIDT-KARACA MARKUS ET AL) 20 March 2003 (2003-03-20) abstract paragraphs '0043!, '0047! paragraph '0075! - paragraph '0090!	1-17
X	"REMOTE SUBSCRIPTION SERVICES" IBM TECHNICAL DISCLOSURE BULLETIN, IBM CORP. NEW YORK, US, vol. 37, no. 6B, 1 June 1994 (1994-06-01), pages 263-264, XP000456000 ISSN: 0018-8689 the whole document	1-17

χ Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
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Date of the actual completion of the international search	Date of mailing of the international search report
16 September 2004	08/10/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2  NL – 2280 HV Rijswijk  Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,  Fax: (+31–70) 340–3016	Authorized officer  Denoual, M

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onal Application No
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C.(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	FC1/032004/010936			
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.			
Х	EP 1 083 482 A (NIPPON ELECTRIC CO) 14 March 2001 (2001-03-14) paragraphs '0005!, '0006! paragraphs '0012! - '0015! figure 8	1-17			
X	GB 2 346 716 A (IBM) 16 August 2000 (2000-08-16) the whole document	1–17			
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## INTERNATIONAL SEARCH REPORT

onal Application No PCT/US2004/010938

	itent document I in search report		Publication date		Patent family member(s)	Publication date
US	2003055927	A1	20-03-2003	EP EP	1407373 A2 1407353 A3	
				EP	1407375 A2	
				EP	1407364 A2	
				WO	02099592 A2	
				MO	02099638 A	
				WO	02099593 A2	
				MO	02099594 A2	
				WO	02099595 A2	
				MO	02099596 A2	2 12-12-2002
				US	2003023657 A	30-01-2003
				US	2003046448 A	1 06-03-2003
				US	2003046017 A	
				US	2003037254 A	
				US	2003056207 AI	20-03-2003
EP	1083482	Α	14-03-2001	JP	2001075785 A	23-03-2001
				ΑÜ	764636 B2	
				AU	5659200 A	15-03-2001
				CN	1288199 A	21-03-2001
				EP	1083482 A2	2 14-03-2001
GB	2346716	 А	16-08-2000	US	6553375 B1	22-04-2003
				CN	1254892 A	31-05-2000
				JP	3443057 B2	
				JP	2000163269 A	16-06-2000
				KR	2000035005 A	26-06-2000
				ΤW	449697 B	11-08-2001