#### (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 26 May 2005 (26.05.2005)

**PCT** 

# (10) International Publication Number WO 2005/048142 A3

(51) International Patent Classification<sup>7</sup>:

G06F 17/60

(21) International Application Number:

PCT/EP2004/011229

(22) International Filing Date: 8 October 2004 (08.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/515,660 31 October 2003 (31.10.2003) U

(71) Applicant (for all designated States except US): SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Walldorf (DE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MIKE, Soumokil [NL/NL]; Klaverhoeve 15, NL-5262 Vught (NL).

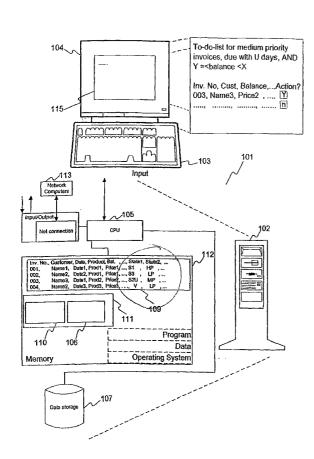
(74) Agent: RICHARDT, Markus; Leergasse 11, 65343 Eltville (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: METHODS AND SOFTWARE APPLICATIONS FOR COMPUTER-AIDED CUSTOMER INDEPENDENT CASH COLLECTION USING A STATE FIELD IN A DATA RECORD



(57) Abstract: Methods and systems are disclosed for the computerized processing of invoices. In one exemplary embodiment, a method is provided that comprises selecting, from a plurality of invoices, invoices that are due within a preselectable time or on a preselectable date and having a balance that is larger than a preselectable first value, and assigning a first state to the selected invoices.

## WO 2005/048142 A3



SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:

4 August 2005

# INTERNATIONAL SEARCH REPORT

Internal al Application No

			101/112004/011225					
A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G06F17/60								
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 G06F								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical,	search terms used)					
EPO-Internal, WPI Data, INSPEC								
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT							
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
X	US 6 041 312 A (BICKERTON ET AL) 21 March 2000 (2000-03-21) column 4, line 20 - column 6, lin	e 21	1-84					
Further documents are listed in the continuation of box C.  Patent family members are listed in annex.								
<ul> <li>Special categories of cited documents:</li> <li>"A" document defining the general state of the art which is not considered to be of particular relevance</li> <li>"E" earlier document but published on or after the international filing date</li> <li>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</li> <li>"O" document referring to an oral disclosure, use, exhibition or other means</li> <li>"P" document published prior to the international filing date but later than the priority date claimed</li> <li>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</li> <li>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</li> <li>"&amp;" document member of the same patent family</li> </ul>								
Date of the actual completion of the international search  30 May 2005		Date of mailing of the international search report  09/06/2005						
	nalling 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,	Authorized officer						
	1ei. (+31-70) 340-2040, 1x. 31 651 epo ni, Fax: (+31-70) 340-3016	Beatty,	J l					

### INT NATIONAL SEARCH REPORT

Information on patent family members

Intern al Application No
PCT/EP2004/011229

Patent doo cited in sear	cument ch report	Publication date	Patent family member(s)	1	Publication date	
US 6041	312 A	21-03-2000	NONE			
		•			,	
			~			
	·					
	e e					