

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
6 June 2002 (06.06.2002)

PCT

(10) International Publication Number  
WO 02/044944 A3

(51) International Patent Classification<sup>7</sup>: G06F 17/30

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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(21) International Application Number: PCT/IT01/00591

(22) International Filing Date:  
23 November 2001 (23.11.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
BO2000A000698  
30 November 2000 (30.11.2000) IT

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— with international search report

(71) Applicant and

(72) Inventor: BALLABENE, Adriano [IT/IT]; Via Montone, 15, I-47853 Coriano (IT).

(88) Date of publication of the international search report:  
4 September 2003

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

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.



(54) Title: METHOD FOR STRUCTURING AND RECOVERING INFORMATION

WO 02/044944 A3

building yard in via Mazzini	work contract	c:\work2\work contract.doc
------------------------------	---------------	----------------------------

building yard in via Mazzini	estimated cost	c:\work2\estimated cost.doc
------------------------------	----------------	-----------------------------

(57) Abstract: Structurisation and interrogation methods of a platform, basic open, transparent universal, to refer and contain digital information, formed by autonomous archives of independent n-ple comprising mainly alpha-numerical terns. Structured in this way, the platform, in order to uniformly represent and recover data that are otherwise held in different containers such as tables, trees, lists and links, and to allow an easier diffusion and/or correlation of information through the common presence of one or two of the three string-elements, or of a declared element or one calculated as being equivalent.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 01/00591

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F17/30

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 data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	NADKARNI P M: "QAV: QUERYING ENTITY-ATTRIBUTE-VALUE METADATA IN A BIOMEDICAL DATABASE" COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, ELSEVIER, vol. 53, no. 2, June 1997 (1997-06), pages 93-103, XP000889755 AMSTERDAM, NL ISSN: 0169-2607 page 93, left-hand column, line 1 -right-hand column, line 2 page 94, left-hand column, line 26-33 ---	1-3
X	US 6 038 566 A (TSAI DANIEL E) 14 March 2000 (2000-03-14) column 7, line 48 -column 8, line 10; figures 9,10 --- -/--	1-3

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*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)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*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
- \*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 taken alone
- \*Y\* document of particular relevance; the claimed invention 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.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

21 May 2003

Date of mailing of the international search report

04/06/2003

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

Siodmok, W

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 01/00591

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE INSPEC 'Online! INSTITUTE OF ELECTRICAL ENGINEERS, STEVENAGE, GB; SYMONDS A J: "Relationship language for accessing a software associative memory" Database accession no. 122557 XP002241322 abstract &amp; THE DIGEST RECORD OF THE 1969 JOINT CONFERENCE ON MATHEMATICAL AND COMPUTER AIDS TO DESIGN, ANAHEIM, CA, USA, 27-31, October 1969 (1969-10), page 309 New York, NY, USA, IEEE, USA</p>	1,2
X	<p>US 5 201 046 A (GOLDBERG ROBERT N ET AL) 6 April 1993 (1993-04-06) column 1, line 43 -column 2, line 19</p>	1,4

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IT 01/00591

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6038566	A	14-03-2000	NONE
US 5201046	A	06-04-1993	NONE