

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
10 April 2008 (10.04.2008)

PCT

(10) International Publication Number
WO 2008/042561 A3

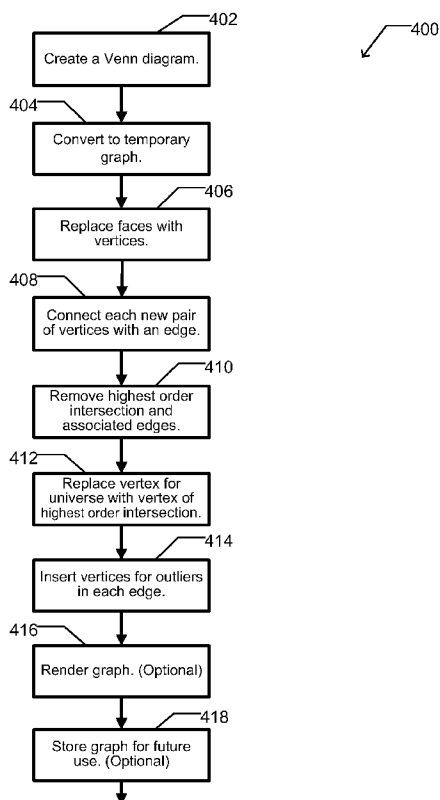
- (51) International Patent Classification:
G06T 11/20 (2006.01)
- (21) International Application Number:
PCT/US2007/078000
- (22) International Filing Date:
10 September 2007 (10.09.2007)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
11/537,588 29 September 2006 (29.09.2006) US
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, 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, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR VISUALIZING THE RELATIONSHIP BETWEEN A PLURALITY OF SETS



(57) Abstract: A computer readable storage medium includes executable instructions to associate two or more data sets with two or more vertices in a Venn graph. An intersection of the two or more data sets is associated with a vertex in the Venn graph. A plurality of outliers is associated between the two or more data sets and the intersection of the two or more data sets with a plurality of vertices disposed between the two or more vertices and the vertex in the Venn graph.

WO 2008/042561 A3



Declaration under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

(88) Date of publication of the international search report:

26 June 2008

Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/78000

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 3/00 (2008.01)

USPC - 715/762

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)
USPC: 715/762

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 715/211,215,762;707/E17.082 (text search - see terms below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(USPT,PGPB,EPAB,JPAB); DialogPRO(Engineering); Google Scholar
Search Terms Used: Venn graph, dual graph, Venn diagram, vertex/edge, intersection, isomorphism, graphical user interface (GUI), enterprise information management (EIM)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,326,962 B1 (SZABO) 04 December 2001 (04.12.2001) (Fig. 6-7, col 4, ln 6-14, col 14, ln 34-67, col 15, ln 61-col 16, ln 6, col 19, ln 51-58, col 20, ln 62-col 21, ln 25)	1-18
Y	US 2003/0182310 A1 (CHARNOCK et al.) 25 September 2003 (25.09.2003) (para [0106], para [0120], para [0302], para [0559], para [0561])	1-18
Y	BETTE et al, "Venn Diagrams with Few Vertices", The Electronic Journal of Combinatorics 1998, volume 5(1), #R44, p. 1-21 [retrieved on 2008-02-03]. Retrieved from the Internet: <URL:http://www.emis.de/journals/EJC/Volume_5/PDF/v5i1r44.pdf>	1-18
A	US 2005/0239111 A1 (VAN RHEE et al.) 27 October 2005 (27.10.2005)	1-18

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

Date of the actual completion of the international search 03 February 2008 (03.02.2008)	Date of mailing of the international search report 18 MAR 2008
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