

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 June 2008 (19.06.2008)

PCT

(10) International Publication Number
WO 2008/073595 A3

(51) International Patent Classification:
G06F 7/00 (2006.01)

(74) Agents: HAAS, Kenneth A. et al; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(21) International Application Number:
PCT/US2007/082812

(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

(22) International Filing Date: 29 October 2007 (29.10.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0624551.8 11 December 2006 (11.12.2006) GB

(71) Applicant (for all designated States except US): MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).

(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).

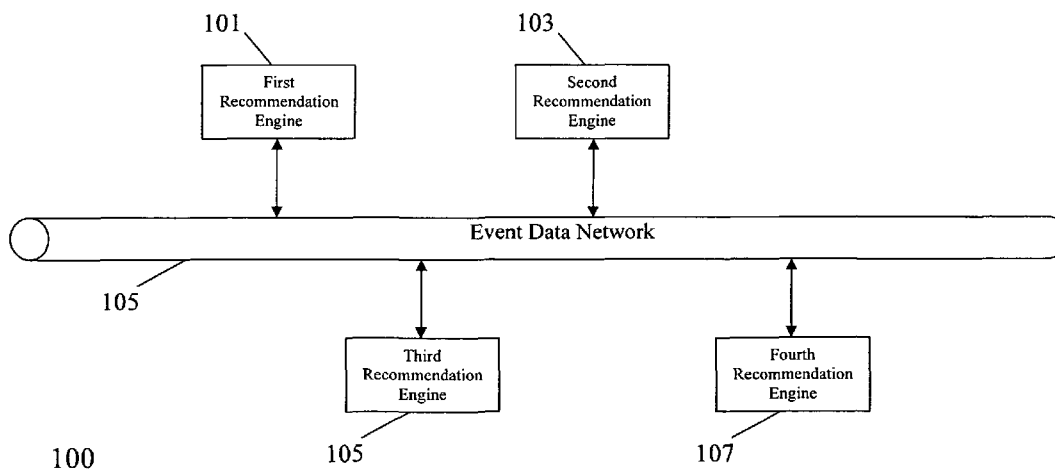
(72) Inventors; and

(75) Inventors/Applicants (for US only): LHUILLIER, Nicolas, [FR/FR]; Avenue des Etats-Unis, F-78000 Versailles (FR). BONNEFOY, David [FR/FR]; Rue Paul Fort, F-75014 Paris (FR). BOUZID, Makram [FR/FR]; Res. Les Godets, Bat. A, rue des Pres, F-91 120 Palaiseau (FR). MILLERAT, Jean [FR/FR]; 16 Residence Les Nouveaux Horizons, F-78990 Elancourt (FR). PICAULT, Jerome [FR/FR]; 3 Rue Paul Fort, F-75014 Paris (FR). RIBIERE, Myriam [FR/FR]; 10 allée des Epines Vinettes, F-91620 Nozay (FR).

Published:
— with international search report

(88) Date of publication of the international search report:
12 September 2008

(54) Title: A RECOMMENDATION SYSTEM AND METHOD OF OPERATION THEREFOR



(57) Abstract: A recommendation system comprises a plurality of recommendation engines (101-107) which are coupled together by a data communication coupling (109). Each of the recommendation engines (101-107) comprises a user profile (203) for a first user, a prediction processor (201) for generating recommendations for the first user in response to the user profile and an interface (209) for exchanging recommendation event messages, such as a request for a recommendation and a reply thereto, with other recommendation engines on the data communication coupling. At least one of the user profile and prediction algorithm of at least some recommendation engines (101-107) are different. A recommendation processor (205) generates a recommendation in response to a received recommendation event message and a recommendation indication from the prediction means. The invention may provide improved recommendation by interworking of independent recommendation engines (101-107).

WO 2008/073595 A3

INTERNATIONAL SEARCH REPORT

International application No

PCT/US 07/82812

A CLASSIFICATION OF SUBJECT MATTER IPC(8) - G06F 7/00 (2008.04) USPC - 707/1 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 707/1 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC 707/1-2,10, 709/203,217,219, 705/1,10 (See keywords below) Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Pub WEST (USPT, PGPB, JPAB, EPAB), Google Scholar, Dialog Pro Search Terms Used recommends adj engine, profile, recommS near3 message, (recommends adj (engine or system of computer or device)), (first near3 (recommS adj (engine or device))), ((recommends adj engine) near3 (multiS or plurality)), second		
C DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	US 2006/0173838 A1 (Garg et al), 03 August 2006 (03 08 2006), entire document especially para [0020], [0023], [0054]-[0055], [0066]-[0069], [0144], [0153], [0180]-[0181]	1-10
Y	US 2006/0031460 A1 (Araki et al), 09 February 2006 (09 02 2006), entire document especially para [0059], [0067]-[0069], [0072], [0093], [0113]-[0115]	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input type="checkbox"/>		
* 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 application or patent 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 23 April 2008 (23 04 2008)		Date of mailing of the international search report 22 MAY 2008
Name and mailing address of the ISA/US Mail Stop PCT, Attn ISA/US, Commissioner for Patents P O Box 1450, Alexandria, Virginia 22313-1450 Facsimile No 571-273-3201		Authorized officer Lee W Young PCT Helpdesk 571 272-4300 PCT OSP 571-272-7774