



- (51) **International Patent Classification:**
G06F 17/30 (2006.01)
- (21) **International Application Number:**
PCT/JP2013/084169
- (22) **International Filing Date:**
13 December 2013 (13.12.2013)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
13/837,764 15 March 2013 (15.03.2013) US
- (71) **Applicant:** RAKUTEN, INC. [JP/JP]; 4-12-3, Higashishinagawa, Shinagawa-ku, Tokyo, 1400002 (JP).
- (72) **Inventor:** STANKIEWICZ, Zofia; 215 Park Avenue South, 9th Floor, New York, New York, 10003 (US).
- (74) **Agents:** HASEGAWA, Yoshiki et al.; SOEI PATENT AND LAW FIRM, Marunouchi MY PLAZA (Meiji Yasuda Life Bldg.) 9th fl., 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, 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, IR, IS, JP, KE, KG, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

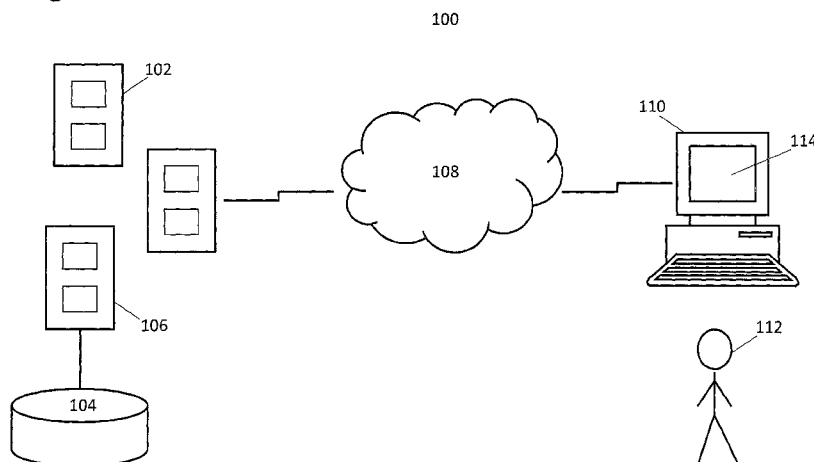
- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) **Title:** METHOD FOR ANALYZING AND CATEGORIZING SEMI-STRUCTURED DATA

Fig.1



(57) **Abstract:** A computer system interconnected to a community of users having a data processor input module programmed to receive communications from said users including one or more inputs regarding food recipes and store said inputs in accessible memory. A data processor determining module programmed to access stored data and to apply a data interpretative algorithm to said data to unify and organize disparate data inputs into a cohesive database relating to recipes. Also, a search entry module connected to the recipe database to permit access to the database to support a search algorithm applied to the database.