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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/022365 A2

(51) International Patent Classification[7]: G06F

(21) International Application Number:
PCT/US2004/007815

(22) International Filing Date: 12 March 2004 (12.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/454,315 14 March 2003 (14.03.2003) US
10/718,738 21 November 2003 (21.11.2003) 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, 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, 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, SK,

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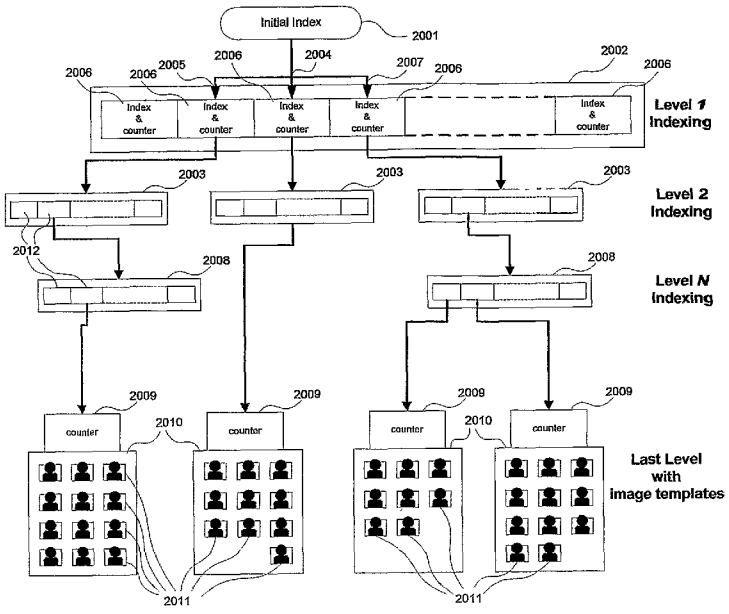
(54) Title: IMAGE INDEXING SEARCH SYSTEM AND METHOD



(57) Abstract: n architecture 0nd method useful for fast one-to-many image matching and image indexing. plurality >f images in 0 database 035 digitized into 0 plurality of descriptors. "he descriptors 0re separated into 0 plurality >f index groups. Index values for the images in the database 0re then calculated for the various index groups. An index value, for example, could be calculated as the average of the descriptors in 0 particular group. source groups of images having particular index values over a particular threshold value are identified. When matching 0 target image to images in the database, the index values 035 calculated for the target image and compared t> the threshold value. Source groups of images having similar index values over the threshold 035 then identified for further matching t> the target image.

WO 2005/022365 A2

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

Published:

— *without international search report and to be republished upon receipt of that report*

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