



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : G06K 9/00	A1	(11) International Publication Number: WO 00/55799
		(43) International Publication Date: 21 September 2000 (21.09.00)

(21) International Application Number: PCT/US00/06979

(22) International Filing Date: 17 March 2000 (17.03.00)

(30) Priority Data:
09/270,607 17 March 1999 (17.03.99) US

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(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: SYSTEM AND METHOD FOR SELECTION OF A REFERENCE DIE

(57) Abstract

A system for selecting reference die images, such as for use with a visual die inspection system, is provided. The system includes a die image comparator, which compares (514) a first die image (504) to a second die image (510) in order to create a difference image (516) that contains only the difference between the two die images. The system also includes a difference image analysis system that receives data from the die image comparator. The difference image analysis system analyzes the difference image (518) and determines whether there are any features of the difference image (520, 524) that indicate that either the first die image or the second die image should not be used as a reference die image.

