PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 : G06F 9/44, 9/45 — A1

(11) International Publication Number: **WO 00/11549**

(43) International Publication Date: 2 March 2000 (02.03.00)

(21) International Application Number: PCT/IL99/00446

(22) International Filing Date: 18 August 1999 (18.08.99)

(30) Priority Data:
125846 19 August 1998 (19.08.98) IL

(71) Applicant *(for all designated States except US)*: EMONY LTD. [IL/IL]; Sokolov Street 48, 47235 Ramat Hasharon (IL).

(71)(72) Applicant and Inventor: PELEG, Sharon [IL/IL]; Bialik Street 58, 47205 Ramat Hasharon (IL).

(74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).

(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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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.
Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: DIFFERENCE EXTRACTION BETWEEN TWO VERSIONS OF DATA-TABLES CONTAINING INTRA-REFERENCES

(57) Abstract

A method for generating a compact difference result between an old program and a new program. Each program including reference entries that contain reference that refer to other entries in the program. The method includes the steps of scanning the old program and for each reference entry perform steps that include replacing the reference of the entry by a distinct label mark, whereby a modified old program is generated. There is further provided the step of scanning the new program and for each reference entry perform steps that include replacing the reference of the entry by a distinct label mark, whereby a modified new program is generated. There is still further provided the step of generating the specified different result utilizing directly or indirectly the modified old program and modified new program.

