

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 June 2006 (01.06.2006)

PCT

(10) International Publication Number
WO 2006/056971 A1

- (51) International Patent Classification:
H05K 7/14 (2006.01) **H05K 7/20** (2006.01)
- (21) International Application Number:
PCT/IL2005/001176
- (22) International Filing Date:
10 November 2005 (10.11.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
10/995,535 24 November 2004 (24.11.2004) US
- (71) Applicant (for all designated States except US): **ELTA SYSTEMS LTD.** [IL/IL]; 100 Sderot Itzhak Hanasie, P.O.B. 330, 77102 Ashdod (IL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ZAGOORY, Ronen** [IL/IL]; 17/27 Harei Golan Street, 77716 Ashdod (IL). **SHABTAI, Eliyahu** [IL/IL]; 80 Emek Hahula Street, 71700 Modi'in (IL).
- (74) Agent: **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

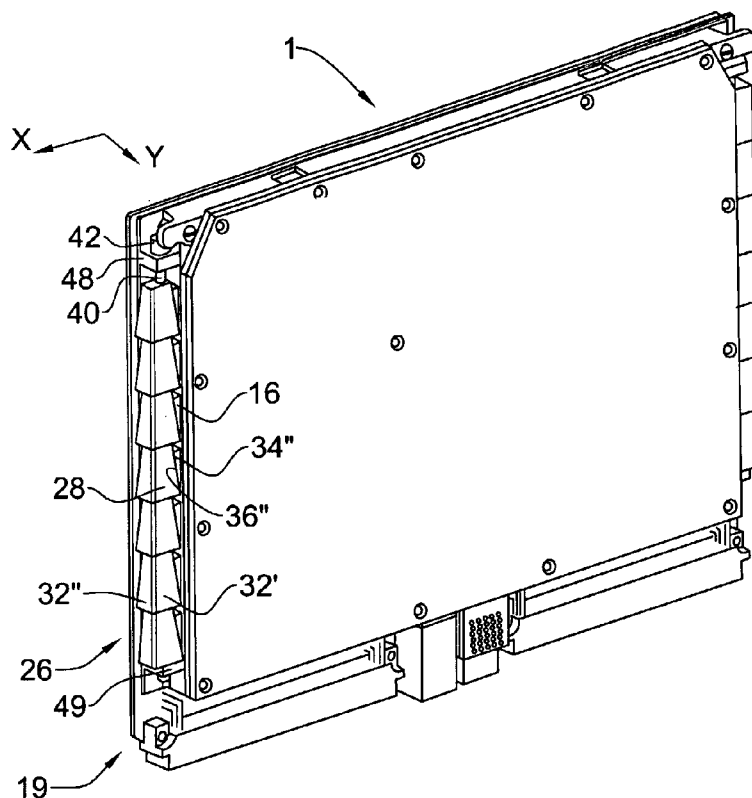
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, 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, 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, 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).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: WEDGELOCK FOR ELECTRONIC CIRCUIT CARD MODULE



(57) Abstract: An arrangement is suggested for introducing a plate element, for which heat needs to be dissipated by means of conduction, into a slot of a chassis which is adapted to absorb the heat. The slot comprises a back wall adapted to contact the plate element upon its insertion, an opposing front wall, and a base wall. The plate element comprises margins adapted for carrying the arrangement. The arrangement comprises a seat located on the margins. The arrangement further comprises a wedgelock moveably attached to the seat, having two slot engaging surfaces adapted to contact the front and base walls of the slot, and a seat engaging portion adapted to contact the seat. The arrangement further comprises an actuating mechanism adapted to cause a movement of the wedgelock in a direction toward the front wall and in a direction toward the base wall of the slot until a tight contact is established between the slot engaging surfaces of the wedgelock and the slot's front and base walls, while maintaining a tight contact between the seat engaging portion of the wedgelock and the seat and between the module and the back wall of the slot.

WO 2006/056971 A1



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.