

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 November 2006 (23.11.2006)

PCT

(10) International Publication Number
WO 2006/123379 A1

(51) International Patent Classification:
H02G 3/18 (2006.01)

(21) International Application Number:
PCT/IT2006/000312

(22) International Filing Date: 4 May 2006 (04.05.2006)

(25) Filing Language: Italian

(26) Publication Language: English

(30) Priority Data:
RM2005A000241 17 May 2005 (17.05.2005) IT

(71) Applicant (for all designated States except US): **BTICINO S.P.A.** [IT/IT]; Via Messina, 38, I-20154 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FABRIZI, Fabrizio** [IT/IT]; Via Cucchi, 5, I-24100 Bergamo (IT). **CALDERARA, Ennio** [IT/IT]; Via Crocetta, 4, I-21050 Cuasso Al Piano (IT). **DE AMBROGGI, Renato** [IT/IT]; Vicolo San Bartolomeo, 16, I-21034 Cocquio Trevisago (Varese) (IT).

(74) Agents: **CARANGELO, Pierluigi** et al.; c/o Jacobacci & Partners S.p.A., Via delle Quattro Fontane, 15, I-00184 Roma (IT).

(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.

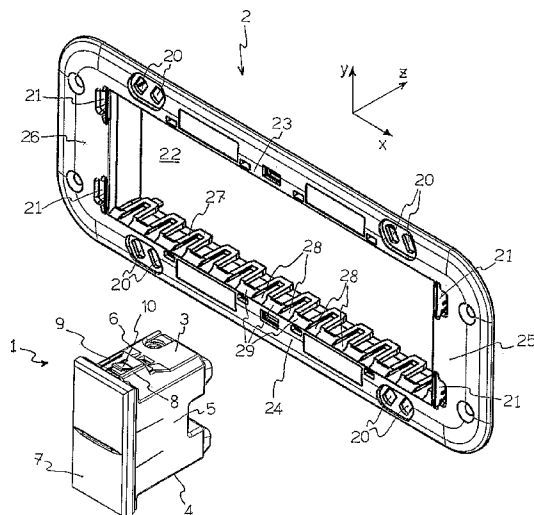
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, 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

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.

(54) Title: ELECTRICAL APPARATUS AND SUPPORTING FRAME FOR WALL- MOUNTING OF SAID ELECTRICAL APPARATUS



(57) Abstract: Electrical apparatus (1) that can be fixed to a supporting frame (2) provided with a mounting window (22) suitable to receive said electrical apparatus (1), the electrical apparatus (1) comprising: - a main body having a substantially box-like shape; and - first fixing elements (8,9,10) provided on a first (3) and a second (4) opposite side of said box-like body to engage with corresponding second fixing elements (27, 28, 29) provided on said frame (2) and facing said mounting window (22). The first fixing elements (8, 9, 10) of the electrical apparatus (1) include: - guiding fixing elements (8,9) such as to permit axial and guided sliding of said electrical apparatus (1) respect to said frame (2) in inserting said apparatus (1) into said mounting window (22); - snap-in fixing elements (10) suitable to block said axial sliding of said electrical apparatus (1) respect to said frame (2) once a predetermined snap-in position has been reached.

WO 2006/123379 A1