

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
24 August 2006 (24.08.2006)

PCT

(10) International Publication Number
WO 2006/088781 A2

(51) International Patent Classification:
E05B 15/02 (2006.01)

(21) International Application Number:
PCT/US2006/004992

(22) International Filing Date:
14 February 2006 (14.02.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/652,849 15 February 2005 (15.02.2005) US

(71) Applicant (for all designated States except US):
RUTHERFORD CONTROLS INT'L CORPORATION [US/US]; 2697 International Parkway, Pkwy 5, Virginia Beach, Virginia 23452 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SCHNARR, Robert, P.** [CA/US]; c/o Rutherford Controls Int'l Corp., 2697 International Parkway, Pkwy 5, Virginia Beach, Virginia 23452 (US). **RUTHERFORD, John, S.** [CA/US]; c/o Rutherford Controls Int'l Corp., 2697 International Parkway, Pkwy 5, Virginia Beach, Virginia 23452 (US).

(74) Agents: **OZGU, Murat** et al.; Arent Fox PLLC, 1050 Connecticut Avenue NW, Washington, District of Columbia 20036 (US).

(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:

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

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: SURFACE MOUNTED ELECTRIC RIM STRIKES

(57) Abstract: An electric rim strike including a housing having a cavity defined therein; a pivotally rotatable keeper having a front blocking face; a pivotally rotatable locking bar having a rear blocking face; and an actuating mechanism that selectively pivots the locking bar. The keeper, locking bar, and actuating mechanism are disposed within the cavity of the housing. The actuating mechanism being operationally connected to the locking bar and driving the locking bar and the keeper from a first state to a second state. The rear blocking face of the locking bar opposes the front blocking face of the keeper to prevent the locking bar and keeper from freely rotating relative to each other.



WO 2006/088781 A2