

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 November 2007 (29.11.2007)

PCT

(10) International Publication Number
WO 2007/134383 A1

(51) International Patent Classification:

E05B 63/06 (2006.01) *E05B 41/00* (2006.01)
E05B 9/00 (2006.01) *E05B 63/08* (2006.01)
E05B 15/00 (2006.01) *E05B 63/10* (2006.01)

(21) International Application Number:

PCT/AU2007/000689

(22) International Filing Date: 18 May 2007 (18.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

2006902662 18 May 2006 (18.05.2006) AU

(71) Applicant (for all designated States except US): **ASSA ABLOY AUSTRALIA PTY LIMITED** [AU/AU]; 235 Huntingdale Road, Oakleigh, Victoria 3166 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **NEWMAN, Donald, John** [AU/AU]; 18 Tyalla Court, Hampton Park, Victoria 3976 (AU).

(74) Agent: **PHILLIPS ORMONDE & FITZPATRICK**; Level 21 & 22, 367 Collins Street, Melbourne, Victoria 3000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, 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, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

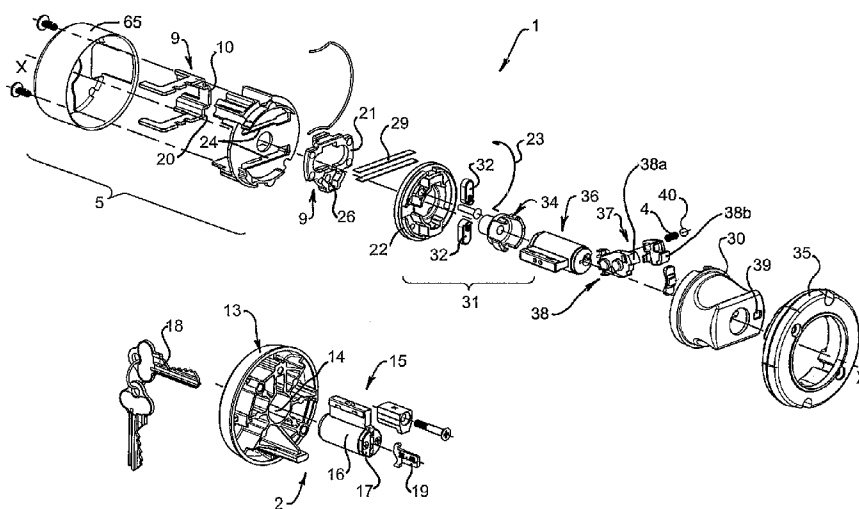
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT,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

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: CYLINDRICAL LOCK SET AND BOLT ASSEMBLY



(57) Abstract: This invention relates to a cylindrical lock assembly (1, 2) and in improved bolt assembly (3) for use with the cylindrical lock assembly (1, 2). The cylindrical lock assembly includes deadlocking means (31) which interact between a turnknob (30), in a cylindrical housing (35) and detents (32). One embodiment of the bolt assembly includes a tail bar (45) and a draw bar (44) which allows adjustment of the bolt assembly (3) between a short backset mode and a long backset mode. Another preferred embodiment of the bolt assembly includes bolts (73,74) for use with a sliding door arrangement.

WO 2007/134383 A1