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(21) International Application Number: PCT/SE98/02243 (22) International Filing Date: 8 December 1998 (08.12.98) (30) Priority Data: ① 9704610-6 ✓ 10 December 1997 (10.12.97) ✓ SE ✓ (71) Applicant (for all designated States except US): ASSA AB [SE/SE]; P.O. Box 371, S-631 05 Eskilstuna (SE). ✓ (72) Inventor; and (75) Inventor/Applicant (for US only): HÄGGSTRÖM, Åke [SE/SE]; Granvägen 10, S-921 42 Lycksele (SE). ✓ (74) Agents: ESTREEN, Lars et al.; Kransell & Wennborg AB, P.O. Box 27834, S-115 93 Stockholm (SE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, 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, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, 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.
(54) Title: CYLINDER LOCK WITH REPLACEABLE PLUG ✓ (57) Abstract In a cylinder lock-key combination an operator key with a back profile (34a-e, 35) is used, which profile interacts with concentric grooves (16a-e) in a cavity for the cylinder plug (20) to retain the plug against longitudinal movement in certain rotary positions. This feature is combined with protrusions (27) provided on the plug, which protrusions interact with the concentric grooves. Further, the cavity is provided with a longitudinal groove (17) that permits mutual longitudinal movement between the plug and the housing when said groove (17) is aligned with the protrusions on the plug. The plug is easy to replace when a service key lacking a back profile is used. This construction also gives a better mounting of the plug than with known locks.		