

Title (en)
Electromechanical cylinder lock.

Title (de)
Elektromechanisches Zylinderschloss.

Title (fr)
Serrure cylindrique électromécanique.

Publication
EP 0528513 A1 19930224 (EN)

Application
EP 92304117 A 19920507

Priority
FI 912310 A 19910513

Abstract (en)
Electromechanical cylinder lock, especially a cylinder lock with rotatable locking discs, including a lock housing (1) and inside thereof a turnable inner cylinder (2) enclosing mechanical locking members, which in their locking position prevent turning of the inner cylinder (2) with respect to the lock housing (1), and solenoid means (5), which independently of said mechanical locking members is arranged to control the turning of the inner cylinder (2) with respect to the lock housing (1). The lock is provided with at least one locking element (13), which is movable substantially in the radial direction with respect to the inner cylinder (2) from a locking position, in which the locking element (13) is partly located in a recess or the like (14) arranged in the inner cylinder and partly in the lock housing (1) preventing turning of the inner cylinder (2) with respect to the lock housing (1), into a releasing position of the inner cylinder (2) and vice versa. In addition the lock includes a second locking element (7) movable substantially in the longitudinal direction of the lock housing (1) and which under the influence of the solenoid means (5) is arranged to control the radial movements of the first locking element (13). <IMAGE>

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CPC (source: EP)
E05B 47/063 (2013.01); **E05B 47/0004** (2013.01)

Citation (search report)
• WO 8805853 A1 19880811 - BERCHTOLD AG [CH]
• EP 0324096 A2 19890719 - BKS GMBH [DE]
• EP 0298193 A2 19890111 - BKS GMBH [DE]
• DE 3630597 A1 19870514 - BAUER KABA AG [CH]
• US 4603564 A 19860805 - KLEINHAENY ARNO [CH], et al

Cited by
EP0899399A3; ITM120101255A1; DE19835508A1; DE4404914A1; EP0668422A1; EP1250505A4; EP1674642A3; EP0943763A1; US6155089A; AU754297B2; CZ299144B6; WO0155539A1; WO2012004734A1

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