

Title (en)

Dual bolt security lock actuated by electric motor.

Title (de)

Elektromotorisch angetriebenes Sicherheitsschloss mit doppeltem Riegel.

Title (fr)

Serrure de haute sécurité à double pène et à moteur électrique.

Publication

EP 0389728 A2 19901003 (FR)

Application

EP 89440009 A 19890207

Priority

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Abstract (en)

Dual-bolt high-security lock with an electric motor, comprising in combination: a) a freely rotatable geared motor (3) fixed to the bolt shank (2) and secured by means of its axle (4) to a toothed pinion (5) meshing with a rack (6) fastened to the faceplate (7) of the lock; b) a key entry barrel (15) fixed to a plate (19) secured to the faceplate (7) by means of a plate (21) and extended in its lower part by two hollow cylindrical bearing surfaces (27) and (28) holding a driving plate (14) provided with an oblong central orifice for the passage of the end of the key and with two studs (16) and (16') positioned at its edge symmetrically in relation to its centre, one of these studs (16) being positioned in proximity to a finger (13) terminating the bolt shank (2), in such a way that the key rotating in the barrel (15) drives the plate (14) in rotation and the stud (16) in proximity to the finger (13) drives the latter, thus causing the displacement of the bolts (1-1'). <IMAGE>

IPC 1-7

E05B 47/00

IPC 8 full level

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CPC (source: EP)

E05B 47/0012 (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0026** (2013.01)

Cited by

US6250119B1; EP0452282A3; US5214946A

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EP 0389728 A2 19901003; **EP 0389728 A3 19901122**; **EP 0389728 B1 19930505**; AT E89054 T1 19930515; DE 68906379 D1 19930609; DE 68906379 T2 19930812; DE 68906379 T4 19940210; ES 2040492 T3 19931016

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