

Title (en)  
ELECTROMAGNETICALLY CONTROLLED SAFE LOCK

Publication  
**EP 0228027 B1 19890524 (DE)**

Application  
**EP 86117548 A 19861217**

Priority  
DE 3546241 A 19851228

Abstract (en)  
[origin: US4807455A] The latch bolt of a lock is prevented from fully retracting when an electromagnet is unenergized so that a blocking lever carrying the armature can pivot about a pivot point displaced from the armature and a slide or lever pivotally linked to the blocking lever places a blocking nose; when the electromagnet is energized the blocking lever pivots on the armature and thereby moves the slide or lever out of the track of that pin. The armature is normally held against the electromagnet by a spring so that very little electric power is needed and only in case of a desired lock release.

IPC 1-7  
**E05B 47/06**

IPC 8 full level  
**E05B 35/12** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (2006.01)

CPC (source: EP US)  
**E05B 47/0002** (2013.01 - EP US); **E05B 47/0607** (2013.01 - EP US); **E05B 47/0006** (2013.01 - EP US); **E05B 2047/0085** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7107** (2015.04 - EP US)

Cited by  
EP0940533A1; WO9939065A1; EP0429712A1; US4972694A; US6318136B1; EP0633376A1; EP0427188A3; DE3937335A1; US5878612A; EP0819813A3; EP0838567A1; DE4445438C2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0228027 A2 19870708; EP 0228027 A3 19871007; EP 0228027 B1 19890524**; AT E43393 T1 19890615; DE 3546241 A1 19870702; DE 3546241 C2 19890907; DE 3663552 D1 19890629; JP S62225667 A 19871003; US 4807455 A 19890228

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**EP 86117548 A 19861217**; AT 86117548 T 19861217; DE 3546241 A 19851228; DE 3663552 T 19861217; JP 30808286 A 19861225; US 94697286 A 19861229