

Title (en)
Electromagnetically actuated lock

Title (de)
Elektromagnetisch betätigbares Schloss

Title (fr)
Serrure actionné électromagnétiquement

Publication
EP 0819813 A3 19990616 (DE)

Application
EP 97111923 A 19970714

Priority
DE 19628994 A 19960718

Abstract (en)
[origin: EP0819813A2] The lock has a handle-operated locking element (2) and an electromagnet (7,7a) used as a retaining magnet which can block or release the locking element via control and blocking elements. The handle operates a control plate (4) as well as the locking element. The control plate moves a transverse plate (5) via a cam (4b). The transverse plate is coupled to a blocking plate (6) with a drive channel engaged by the drive pin (2c) of the lock. The electromagnet's yoke and coil are mounted on the blocking plate.

IPC 1-7
E05B 47/00

IPC 8 full level
E05B 47/00 (2006.01); **E05B 47/06** (2006.01); **E05B 65/00** (2006.01); **E05B 63/00** (2006.01)

CPC (source: EP US)
E05B 47/0002 (2013.01 - EP US); **E05B 47/0603** (2013.01 - EP US); **E05B 47/0006** (2013.01 - EP US); **E05B 63/0017** (2013.01 - EP US); **E05B 2047/0085** (2013.01 - EP US); **Y10T 70/7062** (2015.04 - EP US); **Y10T 70/7073** (2015.04 - EP US); **Y10T 70/713** (2015.04 - EP US); **Y10T 292/1028** (2015.04 - EP US)

Citation (search report)
• [DA] EP 0228027 A2 19870708 - MAUER GMBH [DE]
• [DA] EP 0427188 A2 19910515 - MAUER GMBH [DE]
• [A] EP 0148701 A2 19850717 - GUITARD ROBERT

Cited by
WO2009128780A1; DE19832516A1; US6318136B1; CN102046904A; EP2304137A4; GB2470701A; GB2470701B; WO9939065A1; US8316674B2; WO2009113022A1; US8899633B2

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EP 0819813 A2 19980121; **EP 0819813 A3 19990616**; **EP 0819813 B1 20030924**; DE 19628994 A1 19980122; DE 59710771 D1 20031030; ES 2208790 T3 20040616; JP H1068254 A 19980310; US 5878612 A 19990309

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