

Title (en)
Electronic lock

Title (de)
Elektronisches Schloss

Title (fr)
Serrure Electronique

Publication
EP 1619632 A3 20080312 (EN)

Application
EP 05015050 A 20001208

Priority
• EP 00984021 A 20001208
• US 16963699 P 19991208
• US 19097000 P 20000322

Abstract (en)
[origin: EP1612742A2] A mortise lockset apparatus (10) for a door mounted in a door frame, the apparatus including a case (12) to fit in a cavity within the door, a retractable bolt within the case and moveable into a recess formed in the door frame when the door is closed, and a handle (18) operably connected to the retractable bolt (14) for opening the door. A lockout mechanism (22) is enclosed within the apparatus to prevent the handle from being turned in order to lock the door. A key reader (26) is provided to disengage the lockout mechanism (22) when properly configured keys are operated to release the lock. The lockout mechanism (22) includes a motor driven cam (29) with a sliding stop (34) engageable with the handle, and a slip clutch allows the motor to continue running after the sliding stop (34) has reached the full extent of its travel.

IPC 8 full level
E05B 47/00 (2006.01); **G06K 7/00** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP)
E05B 47/0673 (2013.01); **E05B 47/0012** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/003** (2013.01); **E05B 2047/0069** (2013.01); **G07C 9/00944** (2013.01)

Citation (search report)
• [X] DE 29513985 U1 19951102 - CARDS & DEVICES CHIPKARTENLOES [DE]
• [X] WO 9631842 A1 19961010 - GEMPLUS CARD INT [FR], et al
• [X] EP 0597373 A1 19940518 - ZEXEL CORP [JP]
• [X] EP 0243586 A2 19871104 - HERZ GMBH [DE]
• [X] US 4848115 A 19890718 - CLARKSON BRUCE A [US], et al

Designated contracting state (EPC)
ES FR GB IT

DOCDB simple family (publication)
EP 1612742 A2 20060104; EP 1617020 A2 20060118; EP 1619632 A2 20060125; EP 1619632 A3 20080312; EP 1621703 A2 20060201; EP 1621703 A3 20080326

DOCDB simple family (application)
EP 05015048 A 20001208; EP 05015049 A 20001208; EP 05015050 A 20001208; EP 05015051 A 20001208