

Title (en)
Electronic lock

Title (de)
Elektronisches Schloss

Title (fr)
Serrure électronique

Publication
EP 1621703 A2 20060201 (EN)

Application
EP 05015049 A 20001208

Priority
• EP 00984021 A 20001208
• US 16963699 P 19991208
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Abstract (en)
A mortise lockset apparatus (10) that includes a retractable bolt (98) movably supported within a case (12). A door handle is pivotally supported on a hub (16) supported in the case, the hub being operably connected to the retractable bolt. The bolt is retracted by turning the door handle. A lock-out mechanism (22) is configured to prevent the handle from being turned when the lock-out mechanism is in an engaged position. A lever (100) is pivotally mounted on a spindle (104) which is operatively connected to the deadbolt (98). Rotation of the spindle (104) actuates a microswitch (106) to indicate the position of the deadbolt, and a lockset controller (28) is connected to a key reader (26) to identify properly configured keys.

IPC 8 full level
E05B 49/00 (2006.01); **E05B 15/00** (2006.01); **E05B 17/00** (2006.01); **E05B 47/00** (2006.01); **E05B 47/06** (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)

Cited by
RU177456U1; CN113685085A; US11555332B2

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)
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