

Title (en)  
Padlock

Title (de)  
Bügelschloss

Title (fr)  
Cadenas

Publication  
**EP 0831198 B1 20030326 (DE)**

Application  
**EP 97115634 A 19970909**

Priority  
DE 19638188 A 19960918

Abstract (en)  
[origin: EP0831198A1] When locked, the bolt (6) is held thus by a lock (12). A lock-barrel powered driver moves the bolt into its release setting. The bolt is pre-tensioned into its locked state and the driver is pre-tensioned by a spiral spring. A catch (15) is pre-tensioned to hold the released driver to prevent it re-locking. A sprung disc assembly (3,4) within the stirrup holders (2) moves the releasable stirrup outwards in the key-operated operation. The recessed (10) end of the stirrup uses a displacement surface (11) to move the bolt open as the stirrup homes into its holders.

IPC 1-7  
**E05B 67/06**

IPC 8 full level  
**E05B 67/06** (2006.01); **E05B 67/24** (2006.01); **E05C 9/04** (2006.01)

CPC (source: EP)  
**E05B 67/063** (2013.01); **E05B 67/24** (2013.01); **E05C 9/04** (2013.01)

Cited by  
DE102007035122A1; EP3591147A1; CN110685513A; US11447976B2; US8127577B2

Designated contracting state (EPC)  
DE FR NL SE

DOCDB simple family (publication)  
**DE 19638188 A1 19980319**; DE 59709608 D1 20030430; EP 0831198 A1 19980325; EP 0831198 B1 20030326

DOCDB simple family (application)  
**DE 19638188 A 19960918**; DE 59709608 T 19970909; EP 97115634 A 19970909