

Title (en)

Handle-operable multi-bolt lock with spring arrangement

Title (de)

Drückerbetätigbares Mehrriegelschloss mit Federanordnung

Title (fr)

Serrure à plusieurs pênes actionnée par poignée avec aménagement de ressorts

Publication

EP 1085150 B1 20020410 (DE)

Application

EP 00890286 A 20000919

Priority

AT 160299 A 19990920

Abstract (en)

[origin: EP1085150A1] The spring arrangement has a slider (11) guided in a lock casing (1), in which at least one carrier (6) engages a follower (3) as a rack gear. Two opposing springs (12,16) are supported at one end to the casing or a fixed casing part and at the other end to the slider or a component fixed to the slider. The springs are concentrically arranged and generated independent and opposing tension and compression forces on the slider.

IPC 1-7

E05C 9/02; E05B 15/04

IPC 8 full level

E05B 15/04 (2006.01); **E05C 9/02** (2006.01)

CPC (source: EP)

E05B 15/04 (2013.01); **E05B 2015/0413** (2013.01); **E05B 2015/0448** (2013.01); **E05C 9/02** (2013.01)

Cited by

CN107083872A; CN107023217A; CN111577016A; FR2852621A1; GB2431961A; WO2004097149A1

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