

Title (en)
LOCK WITH SPRING BOLT

Title (de)
SCHLOSS MIT FEDERBOLZEN

Title (fr)
VERROU DOTÉ D'UN PÊNE À RESSORT

Publication
EP 2247809 A1 20101110 (EN)

Application
EP 09705598 A 20090130

Priority
• SE 2009050098 W 20090130
• SE 0800251 A 20080201

Abstract (en)
[origin: WO2009096892A1] Lock, for doors, windows and the like, comprising a forend (10), a spring bolt (120) with a bolt latch (130) and a blocking device. The spring bolt and the bolt latch are together axially displaceable relative to the forend. The spring bolt is fixed to the bolt latch, rotatably about a rotation axis (131) which is substantially perpendicular to the direction of axial displacement of the spring bolt and of the bolt latch. The blocking device is switchable between a release position, in which rotation of the spring bolt about the rotation axis is allowed, and a blocking position, in which the position of the spring bolt relative to the bolt latch is fixed. In order to achieve a reduction of the necessary operating force, the blocking device comprises a first (160) and a second (170) linearly displaceable element, as well as at least two pairs of sliding surfaces (125, 164, 163, 174) interacting in pairs, which sliding surfaces are disposed on the spring bolt, the first displaceable element and the second displaceable element, and are arranged to convert a rotational motion of the spring bolt to the respective linear displacement motions of the first and the second displaceable element.

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E05B 65/10 (2006.01)

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