

Title (en)
Lock for reinforced doors and the like comprising a selector

Title (de)
Schloss für verstärkte Türen und dergleichen mit einer Wahlvorrichtung

Title (fr)
Serrure pour portes renforcées et similaires avec un sélecteur

Publication
EP 2171187 B1 20120822 (EN)

Application
EP 07805708 A 20070712

Priority
IT 2007000496 W 20070712

Abstract (en)
[origin: WO2009008014A1] A selector (1) for locks for reinforced doors and the like, of the type that comprises a box-like containment body (2) which has suitable lateral openings (7) for the passage of at least one latch' and at least one bolt (8), the box-like body accommodating a plurality * of substantially laminar elements which are functionally associated with a cylinder, which is actuated by a respective key, and a rotating element for the engagement of a handle, which is associated with the at least one latch by means of lever systems and is designed to move the latch, and comprising a plate (10) which performs a translational motion and is functionally associated, in an upper region, with the rotatable element and, in a lower region, with a laminar element (11), which is rigidly coupled to the bolts (8)- by means of a carousel (12) which is pivoted, in another point, to the box-like body (2). The selector (1) further comprises a translational assembly (13), which can move between two extreme configurations upon selection by the user and is rigidly coupled to a plate (14) for coupling the laminar element (11) to the carousel (12), the plate (14) being functionally associated with the rotating and translatable element as a consequence of rotations of the handle in the rotating element, in the first extreme configuration of the assembly (13) the carousel (12) being pivoted to the plate (14) and being therefore rigidly coupled to the element (11) and in the second extreme configuration the carousel (12) and the plate (14) being separate and independent.

IPC 8 full level
E05B 65/10 (2006.01); **E05B 59/00** (2006.01)

CPC (source: EP)
E05B 63/0065 (2013.01); **E05B 65/1086** (2013.01); **E05B 47/00** (2013.01); **E05B 59/00** (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009008014 A1 20090115; CN 101743371 A 20100616; EA 017821 B1 20130329; EA 201070134 A1 20100830; EP 2171187 A1 20100407; EP 2171187 B1 20120822

DOCDB simple family (application)
IT 2007000496 W 20070712; CN 200780053738 A 20070712; EA 201070134 A 20070712; EP 07805708 A 20070712