

Title (en)
LOCK FOR REINFORCED DOORS AND THE LIKE

Title (de)
SCHLOSS FÜR VERSTÄRKTE TÜREN UND DERGLEICHEN

Title (fr)
SERRURE POUR PORTES RENFORCÉES ET SIMILAIRES

Publication
EP 2171188 A1 20100407 (EN)

Application
EP 07805710 A 20070712

Priority
IT 2007000498 W 20070712

Abstract (en)
[origin: WO2009008016A1] A lock (1) 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 (10) 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. The lock (1) further comprises a plate (11) which performs a translational motion substantially parallel to a face (3) of the box-like body (2), having an upper end (Ha) which faces and lies proximate to a protrusion (11b) of the rotating element (10) and a lower seat for the engagement of a stem which is rigidly coupled to a carousel (12) which is pivoted, in another point, to the box-like body (2), the carousel (12) accommodating a second stem the free end of which is engaged within a slot of the laminar element (13) which is rigidly coupled to the at least one bolt (8) which is functionally associated with the cylinder, the rotation of the handle and therefore of the respective rotating element (10) producing a translational motion of the plate (11), a rotation of the carousel (12) and a translational motion of the laminar element (13), with consequent retraction of the at least one bolt (8).

IPC 8 full level
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