

Title (en)
Mortise lock for windows, doors and the like

Title (de)
Einsteckschloss für Fenster, Türe od. dgl

Title (fr)
Serrure encastrée pour fenêtres, portes ou similaires

Publication
EP 1333138 A3 20041222 (EN)

Application
EP 03001641 A 20030124

Priority
PT 978702 U 20020125

Abstract (en)
[origin: EP1333138A2] The present invention relates to a mortise lock for windows, doors and the like, of the type formed in an aluminium profile, characterised in that it consists of: an elongated central element (1) which has a likewise elongated hollow with a curved surface in the shape of a shell defined at each end, the shell-shaped surface being situated at the bottom end of the element designed so that the user can use his finger to press said element downwards in order to open the lock, and the shell-shaped surface being situated at the top end of the element designed so that the user can use his finger to press said element upwards, in order for said element to move a latch (21) which will act as a bolt and therefore close the lock, said latch (21) being attached to the element (1) by means of a screw pin (20), with the insertion of a small member (19) with a knurl, the purpose of which is to prevent the latch (21) from sliding due to the impact caused when the window, door or the like is closed; and an elastic element (16) fixed inside the aluminium body (2), which acts as a support for attaching the return spring (26), limits the movement of the element (1), presses the button (15) and halts the movement of the element (1) when it is pressed by the spring (26) when the lock is in the open position.
<IMAGE>

IPC 1-7
E05B 65/08; E05B 63/08; E05B 9/00

IPC 8 full level
E05B 65/08 (2006.01); **E05B 9/08** (2006.01)

CPC (source: EP)
E05B 65/087 (2013.01); **E05B 9/082** (2013.01)

Citation (search report)
• [A] FR 2808832 A1 20011116 - PRUNET CHARLES [FR]
• [A] EP 1039070 A1 20000927 - FERCO INT USINE FERRURES [FR]
• [A] FR 2791080 A1 20000922 - SOTRALU [FR]
• [A] US 6247341 B1 20010619 - PREVOT GERARD [FR], et al

Cited by
FR2877979A1; FR3012502A1; CN101864875A; AU2009295285B2; EP2202368A1; ITBO20080773A1; WO2010034081A1

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

DOCDB simple family (publication)
EP 1333138 A2 20030806; **EP 1333138 A3 20041222**; **EP 1333138 B1 20100623**; ES 2347956 T3 20101126; PT 9787 T 20030731; PT 9787 U 20041029

DOCDB simple family (application)
EP 03001641 A 20030124; ES 03001641 T 20030124; PT 978702 U 20020125