

Title (en)

Simple lock of sliding doors-windows with a system of averting damages due to violent collision at closing

Title (de)

Standardverschluss für Schiebetüren/-fenster mit System zum Schutz gegen Verschleiß durch gewaltsame Schließung

Title (fr)

Verrou standard pour portes/fenêtres coulissantes avec système de prévention de l'usure due à la fermeture à impact violent

Publication

EP 1932986 A3 20090218 (EN)

Application

EP 07386029 A 20071130

Priority

GR 20060100658 A 20061201

Abstract (en)

[origin: EP1932986A2] A lock for aluminium framed sliding panels comprises dividable members of a lock head (1) and a connecting screw (2) onto the functional member of the lock. The lock head is externally cylindrical with an internal square recess (1a) receiving the connecting screw. The screw is of special manufacture, with a square head (2a), with a member (4) that passes through the head via a corresponding aperture through the internal recess. The member of the special screw has suitable length for fitting of the lock head with the functional member of the lock and regulation of locking tolerances. A suitable spring (3) is additionally fitted that ensures smooth retrograding of the lock head, thereby averting any wear or damage thereof due to involuntary violent collision onto the collaborating pin of the lock receiving member when the sliding panel closes. The effectiveness of the system in the safety and in the averting of wear or damages in combination with the simple manufacture provides easy installation and regulation, but also possibility of application in all new and older aluminium profile series, as element of new structures or of replacements of older defective systems of locking of framed panels.

IPC 8 full level

E05B 65/08 (2006.01); **E05C 19/18** (2006.01)

CPC (source: EP GR)

E05B 17/00 (2013.01 - GR); **E05B 65/087** (2013.01 - GR); **E05B 65/0894** (2013.01 - EP); **E05C 19/188** (2013.01 - EP)

Citation (search report)

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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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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