

Title (en)

A noise reducing locking assembly for a ventilating window

Title (de)

Geräuschmindernde Verschlussanordnung für Lüftungsfenster

Title (fr)

Dispositif de verrouillage réduisant le bruit pour fenêtre d'aération

Publication

EP 2085545 A1 20090805 (EN)

Application

EP 09160609 A 20051222

Priority

- EP 09160609 A 20051222
- EP 05388115 A 20051222

Abstract (en)

The invention relates to a locking assembly for a ventilating window having a sash arranged to be openable with respect to a main frame by pivotal movement about a pivot axis parallel to a pair of opposed sash members. The locking assembly comprises a strike plate secured to the main frame member and a casing secured to the sash member opposite the strike plate. At least one pawl member is arranged in the casing to be movable between a locking position, in which it is in locking engagement with a stationary locking member of the strike plate, and an unlocked position, in which it is released from said locking engagement. A locking control mechanism controls the movement of the pawl member(s) and is operable by an operator member accessible from the inside of the window via at least one actuator slide. According to the invention the locking assembly comprises a first and a second part where at least one of these first and second parts are moveable in relation to the other with a first surface of the first part facing a second surface of the second part, where at least the first part of the locking assembly is made from a non-metallic material, preferably plastic.

IPC 8 full level

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Citation (applicant)

DK 114046 C 19700331 - RASMUSSEN V & CO FA [DK]

Citation (search report)

- [Y] WO 02084043 A1 20021024 - VKR HOLDING AS [DK], et al
- [Y] US 4545090 A 19851008 - REDMOND DANIEL R [US]
- [Y] US 4964193 A 19901023 - ROMMELFAENGER PETER R [US], et al
- [Y] US 4651382 A 19870324 - KROLICK ROBERT S [US]
- [Y] US 4175315 A 19791127 - HAYES FRANK F JR [US], et al
- [AD] DK 114046 C 19700331 - RASMUSSEN V & CO FA [DK]

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