

Title (en)

Securing system for a hinged panel.

Title (de)

Sicherheitsvorrichtung für Drehfenster o.dgl.

Title (fr)

Dispositif de sécurité pour panneau pivotant.

Publication

EP 0167386 A2 19860108 (EN)

Application

EP 85304695 A 19850701

Priority

GB 8417165 A 19840705

Abstract (en)

A securing system for a hinged panel such as a hollow stile window or door comprises a rotatable handle (17) which drives a rotatable pinion (19) acting on a slidable rack (20). The projecting operating member (24) of the rack (20) acts between a pair of abutments (25) fixed to a slidable espagnolette part (12), to move the slidable part (12) relative to a fixed espagnolette part (11) secured to an edge of the window stile. Rollers (15), which may be tapered or flanged, can be engaged or disengaged with keepers (16) in a fully locked position (30) or a locked ventilation position (31). Optional variations of the system incorporate a two or three point locking bar system driven by the rack and pinion and a multi point espagnolette system acting on three or four sides of the hinged window panel. Different widths of stile including slimline stiles can be accommodated using slotted fixing members (22) in one plane and by the configuration of the drive element (24) in a perpendicular plane.

IPC 1-7

E05C 9/06

IPC 8 full level

E05C 9/02 (2006.01)

CPC (source: EP)

E05C 9/021 (2013.01); **E05C 9/063** (2013.01); **E05C 9/24** (2013.01)

Cited by

EP1593799A3; GB2279396A; GB2279396B; EP0841449A1; FR2755461A1; GB2245641A; GB2245641B; BE1014943A3; EP1460216A3; US6574927B2

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