Title (en)
Checking device for bottom-hung window frames

Title (de)
Ausstellvorrichtung für Kippfenster

Title (fr)
Dispositif de contrôle pour cadres de fenêtres articulées inférieure

Publication
EP 1229194 A1 20020807 (EN)

Application
EP 01830727 A 20011127

Priority
IT BO20010049 A 20010131

Abstract (en)
The invention relates to a drive unit for bottom-hung window frames of the type comprising a fixed frame (1) with a mobile frame (2) hinged to its crosspiece (1a) at (Y), the mobile frame (2) moving between a closed position, in contact with the fixed frame (1), and an open position, at an angle (alpha) to the fixed frame (1). Between the fixed frame (1) and the mobile frame (2) there are drive means (3) which move the mobile frame (2) between the closed position and the open position, the means comprising at least one rod (4), its first end pivoting at a first channel (5) of an upright (1b) of the fixed frame (1), the other end pivoting at a slide (6), sliding by means of an internal body (7) in a second channel (8) of an upright (2a) of the mobile frame (2). At least one end portion (7a) of the internal body (7) of the slide (6) comprises at the point (D) of connection to the rod (4) has a transversal dimension (T) which is less than the transversal dimension (T1) of the second channel (8), allowing the slide (6) to rock inside the second channel (8); the slide (6) rocking being designed to allow a slowing of the mobile frame (2) movement from the closed position to the open position. <IMAGE>

IPC 1-7
E05C 17/28

IPC 8 full level
E05C 17/28 (2006.01)

CPC (source: EP)
E05C 17/28 (2013.01)

Citation (search report)
- [A] WO 0049258 A1 20000824 - MASTER SRL [IT], et al
- [A] US 5560084 A 19961001 - BAKER NEIL M [GB]
- [A] GB 2323628 A 19980930 - COTSWOLD ARCHITECT PROD [GB]
- [A] GB 1352675 A 19740508 - ANDERBERG MFG CO A W

Cited by
EP1936085A1; DE10228624A1; DE10228624B4; EP2927404A1

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