

Title (en)

A GRIP ASSEMBLY FOR A SLIDING DOOR AND THE SLIDING DOOR HAVING THE GRIP ASSEMBLY

Title (de)

GRIFFANORDNUNG FÜR EINE SCHIEBETÜR UND SCHIEBETÜR MIT DER GRIFFANORDNUNG

Title (fr)

ENSEMBLE DE PRÉHENSION POUR UNE PORTE COULISSANTE ET PORTE COULISSANTE COMPORTANT L'ENSEMBLE DE PRÉHENSION

Publication

**EP 3453819 B1 20191225 (EN)**

Application

**EP 17460058 A 20170907**

Priority

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Abstract (en)

[origin: EP3453819A1] A grip assembly for a sliding door consists of inner part (1a) to be built into the sliding door panel (2) and outer part (1b) accessible from the outside of the sliding door. It comprises a rotatable grip element (3) suspended within inner part (1a) of the grip assembly (1) on a horizontal pivot (6) of a hinge (7) which is fixed to inner surface of the front plate (4). The front plate (4) has an opening (5) of the shape and dimensions of maximum cross-section of the grip element (3). At any position of the grip element (3) its mass center (8) is displaced inwardly from the horizontal pivot (6). The grip element (3) has a protrusion or a notch (10) to receive a flap (11) shaped at one end of a resilient cantilever (12) placed at inner part (1a) of the grip assembly (1). The second end of the resilient cantilever (12) is fixed to the front plate (4). A push button (13) is mounted in a hole (14) in the front plate (4) and protrudes from the hole (14) to outer part (1b) of the grip assembly (1). The push button (13) is coupled with the resilient cantilever (12). In one embodiment the grip assembly has a side grip (15) installed in a side plate (16) perpendicular to the front plate (4).

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