

Title (en)
SLIDING DOOR OR WINDOW

Title (de)
SCHIEBETÜR ODER -FENSTER

Title (fr)
PORTE OU FENÊTRE COULISSANTE

Publication
EP 3959401 A1 20220302 (EN)

Application
EP 20714843 A 20200408

Priority
• IT 201900006352 A 20190424
• IB 2020053340 W 20200408

Abstract (en)
[origin: WO2020217125A1] Described is a sliding door or window comprising: a load-bearing frame (1); a sash (5) fixed to the frame (1), a movable sash (6) having lower and upper movement units (7) associated with the movable sash (6) and configured for moving the movable sash (6) from a closed position of the door or window (100) to an open position of the door or window (100); a lower guide (8) and an upper guide made, respectively, on horizontal planes (3a, 4a) of upper and lower crosspieces (3, 4) of the frame (1) and engaged by the movement units (7) of the movable sash (6); each upper and lower guide (8) comprises a first rectilinear section (8a) and a second section (8b) transversally connected to the first section (8a); the lower movement unit (7) comprises a first outer box-shaped body (10) configured to connect stably to the movable sash (6), the wheel with a spherical or ball shape (9) located in a housing (11) of the first box-shaped body (10) in such a way as to allow the free rotation about itself of the ball (9) and with a portion of the ball (9) protruding downwards to the first box-shaped body (10) and a device (24) for longitudinal adjustment of the ball (9), that is, along an axis (X) parallel to the lower crosspiece (6a) of the movable sash (6), which is able to modify the position of the ball (9) relative to the upright (2) of the frame (1).

IPC 8 full level
E05D 15/06 (2006.01)

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Citation (search report)
See references of WO 2020217125A1

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