

Title (en)

Carriage unit for sliding door or window of the lift and slide type

Title (de)

Trägereinheit für Hebe-Schiebe-Tür oder -Fenster

Title (fr)

Unité de chariot pour porte ou fenêtre coulissante du type levant et coulissant

Publication

**EP 2712994 B1 20170201 (EN)**

Application

**EP 13186071 A 20130926**

Priority

IT BO20120523 A 20120926

Abstract (en)

[origin: EP2712994A1] Described is a carriage unit for sliding doors or windows of the lift and slide type (1), comprising a pair of primary and secondary carriages (4, 5), associated, in use, with a bottom crosspiece (6) of a sash (3) and resting on a horizontal base track (7) to allow the sliding of the sash (3) in both the open and closed directions (4, 5); the pair of carriages being joined together, in use, by a rigid connecting unit (17); the secondary carriage (5) comprises a first box-type frame (8) having an upper portion (8a) designed to be slidably coupled, in use, to the lower crosspiece (6) of the sash (3); a second frame (9) supporting a pair of wheels (10, 11) positioned, in use, resting on the track (7); the second frame (9) being designed to allow a pivoting movement of the two wheels (10, 11) about a single pivot point (P1); a link mechanism (12) for lifting and lowering the sash (3) relative to the track (7), corresponding to the open and closed positions, respectively, of the sash (3); the link mechanism (12) being positioned and acting between the first frame (8) and, in use, the rigid connecting unit (17) with the first carriage (4).

IPC 8 full level

**E05D 15/56** (2006.01)

CPC (source: EP)

**E05D 15/565** (2013.01); **E05Y 2201/474** (2013.01); **E05Y 2600/12** (2013.01); **E05Y 2800/00** (2013.01)

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