

Title (en)

A device for operating a sliding door.

Title (de)

Vorrichtung zur Betätigung einer Schiebetür.

Title (fr)

Dispositif pour actionner une porte coulissante.

Publication

**EP 0567897 A2 19931103 (EN)**

Application

**EP 93106360 A 19930420**

Priority

IT TO920116 U 19920427

Abstract (en)

A device for operating a sliding door, particularly an automatic sliding door, comprises a brushless, direct-current linear electric motor including a main stator (13) constituted by a bar of ferromagnetic material mounted on a fixed structure parallel to the directions (A) of sliding of the leaf (3) of the door, at least one electrical winding which is disposed around a portion of the bar (13) and is intended to be supplied with direct current, a unit (15) which is movable linearly relative to the bar and is connected rigidly to the leaf (3), the movable unit (15) carrying permanent magnets facing two opposite sides (13a) of the bar (13), and two auxiliary stator bars (18) parallel to the main bar (13) and spaced from opposite sides thereof.  
<IMAGE>

IPC 1-7

**E05F 15/18**

IPC 8 full level

**E05F 15/60** (2015.01)

CPC (source: EP)

**E05F 15/60** (2015.01); **E05Y 2900/132** (2013.01)

Cited by

JP2010537608A; EP2189602A3; EP0676359A3; US5612518A; US8456111B2; WO2009021596A1; WO2004053265A1

Designated contracting state (EPC)

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