

Title (en)
DEVICE FOR THE AUTOMATION OF SLIDING DOORS

Title (de)
ANTRIEBSEINRICHTUNG EINER SCHIEBETÜR

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT D'UNE PORTE COULISSANTE

Publication
EP 2933411 B1 20181003 (EN)

Application
EP 15164118 A 20150417

Priority
IT MI20140738 A 20140418

Abstract (en)
[origin: EP2933411A1] Device (1) for the movement of a sliding door, of the type comprising a base structure (4) and at least one sliding closing element (5). The device comprises at least one fixed portion (2) constrainable to the base structure (4) and guiding means (15) to guide a movable portion (3) which is constrainable to the closing element (5). The device comprises at least one linear electric motor (M, 8), wherein the active portion (M) of the linear electric motor (M, 8) is integral with the movable portion (3). The fixed portion (2) comprises converting means (12) for the conversion of electric power in order to output a direct current having low or extra-low voltage, whereas the movable portion comprises additional converting means (14) for the conversion of electric power, which receive the input direct current having low or extra-low voltage, and output a three-phase current to supply the active portion (M).

IPC 8 full level
E05F 15/60 (2015.01)

CPC (source: EP)
E05F 15/60 (2015.01); **E05Y 2400/658** (2013.01)

Cited by
EP3839183A1; US11591839B2

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