

Title (en)  
AUTOMATIC SLIDING DOOR POWER DRIVE ASSEMBLY

Title (de)  
Antriebssystem für eine automatische Schiebetür

Title (fr)  
Ensemble d'entraînement motorisé pour une porte coulissante automatique

Publication  
**EP 2799653 B1 20180321 (EN)**

Application  
**EP 14166939 A 20140502**

Priority  
IT TV20130067 A 20130503

Abstract (en)  
[origin: EP2799653A1] An automatic sliding door power drive assembly (1) having : a straight load-bearing longitudinal member (2) designed to be rigidly fixed substantially horizontally to a wall (P), above the opening to which the sliding door (100) is fitted; at least one shutter-supporting carriage (3) mounted to run along the longitudinal member (2), parallel to the longitudinal axis (L) of the longitudinal member, and designed to be rigidly fixed to the body of a corresponding sliding shutter (101) of the sliding door (100); and carriage driving means (4) fixed to the longitudinal member (2) and designed to move the at least one shutter-supporting carriage (3) back and forth along the longitudinal member (2); the load-bearing longitudinal member (2) having a first straight section bar (10) designed to be rigidly fixed directly to the wall (P) in a substantially horizontal position; and a second straight section bar (11) designed to support the at least one shutter-supporting carriage (3) and the carriage driving means (4), and to engage onto and rest by gravity stably in abutment on the first section bar (10).

IPC 8 full level  
**E05F 15/632** (2015.01); **E05F 15/643** (2015.01)

CPC (source: EP)  
**E05D 15/0652** (2013.01); **E05F 15/643** (2015.01); **E05Y 2600/502** (2013.01); **E05Y 2600/528** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2800/422** (2013.01)

Cited by  
JP2018135748A; JP2017206953A; CN111101830A; JPWO2018016395A1; WO2018132077A1; WO2018016395A1; EP3020904B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2799653 A1 20141105; EP 2799653 B1 20180321**; IT TV20130067 A1 20141104

DOCDB simple family (application)  
**EP 14166939 A 20140502**; IT TV20130067 A 20130503