

Title (en)
Sliding door

Title (de)
Schiebetür

Title (fr)
Porte coulissante

Publication
EP 1840312 A3 20101124 (DE)

Application
EP 07006615 A 20070330

Priority
• DE 202006005378 U 20060331
• DE 102006032041 A 20060710
• DE 102007002883 A 20070115

Abstract (en)
[origin: DE102007002883A1] The door has a door leaf (1), which is guided in an adjustable manner, and a drive unit (2), which is provided for motorized-shifting of the door leaf. A drive motor, an intermediate gear box and a feed gear of the drive unit are completely arranged within a drive housing (3), and are arranged in a consecutive manner. The feed gear is provided for producing a drive movement for the door leaf. A drive shaft of the drive motor is aligned parallel to a longitudinal axis (8) of the drive housing. An independent claim is also included for a drive unit for a sliding door, comprising a drive housing and a drive motor.

IPC 8 full level
E05F 15/14 (2006.01)

CPC (source: EP US)
E05D 15/0652 (2013.01 - EP); **E05F 15/643** (2015.01 - EP US); **E05F 15/652** (2015.01 - EP US); **E05Y 2201/10** (2013.01 - EP); **E05Y 2201/412** (2013.01 - EP); **E05Y 2201/434** (2013.01 - EP); **E05Y 2201/46** (2013.01 - EP); **E05Y 2201/652** (2013.01 - EP US); **E05Y 2201/684** (2013.01 - EP); **E05Y 2600/41** (2013.01 - EP); **E05Y 2600/456** (2013.01 - EP); **E05Y 2600/52** (2013.01 - EP); **E05Y 2600/53** (2013.01 - EP); **E05Y 2800/232** (2013.01 - EP); **E05Y 2800/28** (2013.01 - EP); **E05Y 2800/73** (2013.01 - EP); **E05Y 2900/132** (2013.01 - EP)

Citation (search report)
• [XAY] DE 19934229 A1 20010201 - OTIS ELEVATOR CO [US]
• [X] US 6094867 A 20000801 - REDDY REDREDDY SUKUMAR [US]
• [Y] FR 751468 A 19330904 - COINDET ETS
• [YD] DE 202005001781 U1 20050407 - DORMA GMBH & CO KG [DE]
• [Y] US 3829929 A 19740820 - FOLTZ R, et al

Cited by
CN112145007A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102007002883 A1 20071004; EP 1840312 A2 20071003; EP 1840312 A3 20101124

DOCDB simple family (application)
DE 102007002883 A 20070115; EP 07006615 A 20070330