

Title (en)

Drive for doors with articulation next to the ceiling or for roller doors

Title (de)

Antrieb sowohl für Deckengelenk- als auch für Rolllöre

Title (fr)

Entraînement pour portes avec articulation à proximité du plafond ou pour portes enroulables

Publication

EP 0882867 A3 20010214 (DE)

Application

EP 98110133 A 19980604

Priority

DE 29709936 U 19970607

Abstract (en)

[origin: EP0882867A2] The drive unit (1) cooperates with a transverse drive shaft (3). At least one of the side guide rails (2) has a holder (4) for the unit incorporating a drive motor (5) for driving the shaft, at an acute angle to the guide rail and at right-angles to the drive shaft. The drive unit has a baseplate (8) supporting the drive motor whose driven shaft has a driven gearwheel (9) placed on it. A drive gearwheel (10) cooperates with the drive shaft of the plate. An intermediate gearwheel (11) is interposed between the two gearwheels, and forms a toothed gearing chain (12). All the gearwheels interlock.

IPC 1-7

E06B 9/70

IPC 8 full level

E05F 15/668 (2015.01); **E06B 9/70** (2006.01)

CPC (source: EP)

E05F 15/668 (2015.01); **E06B 9/70** (2013.01); **E05Y 2400/336** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- [A] US 5544690 A 19960813 - MAGRO SEBASTIAN [US], et al
- [A] US 4418739 A 19831206 - WOOLNOUGH JAMES [US], et al
- [A] WO 9616466 A1 19960530 - HARMONIC DESIGN INC [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0882867 A2 19981209; **EP 0882867 A3 20010214**; **EP 0882867 B1 20020911**; AT E224001 T1 20020915; DE 29709936 U1 19980730; DE 59805473 D1 20021017; PL 187827 B1 20041029; PL 326690 A1 19981221

DOCDB simple family (application)

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