

Title (en)  
DOOR DRIVE MECHANISM, ESPECIALLY REVOLVING DOOR DRIVE MECHANISM

Title (de)  
TÜRANTRIEB, INSBESONDERE DREHTÜRANTRIEB

Title (fr)  
ENTRAÎNEMENT DE PORTE, NOTAMMENT DE PORTE PIVOTANTE

Publication  
**EP 1828521 A1 20070905 (DE)**

Application  
**EP 05812390 A 20051114**

Priority  
• EP 2005012165 W 20051114  
• DE 102004061628 A 20041217

Abstract (en)  
[origin: WO2006066665A1] The invention relates to a door drive mechanism (1), especially a revolving door drive mechanism. Said drive mechanism comprises a drive unit (2), coupled to the door via an output shaft (9) and arranged in a housing (13), a motor (3), functionally linked with the drive unit (2), and a spring energy storage device (4) housed in the housing (13) and coupled to the motor (3) and the drive unit (2). A hydraulic pump (5) is functionally linked with the motor (3) and hydraulically linked with a hydraulic compartment (6) associated with the drive unit (2) and with a separate pressure compartment (7) associated with the spring energy storage device (4).

IPC 8 full level  
**E05F 3/22** (2006.01); **E02F 3/10** (2006.01)

CPC (source: EP US)  
**E05F 3/104** (2013.01 - EP US); **E05F 3/223** (2013.01 - EP US); **E05F 3/224** (2013.01 - EP US); **E05F 15/53** (2015.01 - EP US); **E05F 15/611** (2015.01 - EP US); **E05Y 2201/41** (2013.01 - EP US); **E05Y 2201/422** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2400/3015** (2024.05 - EP US); **E05Y 2400/45** (2013.01 - EP US); **E05Y 2800/252** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (examination)  
EP 1355030 A2 20031022 - DORMA GMBH & CO KG [DE]

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006066665 A1 20060629**; CN 101080545 A 20071128; DE 102004061628 A1 20060706; DE 102004061628 B4 20081204; EP 1828521 A1 20070905; US 2008209811 A1 20080904

DOCDB simple family (application)  
**EP 2005012165 W 20051114**; CN 200580043266 A 20051114; DE 102004061628 A 20041217; EP 05812390 A 20051114; US 79320705 A 20051114