

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 1828522 B1 20110420 (DE)

Application
EP 05814817 A 20051114

Priority
• EP 2005012164 W 20051114
• DE 102004061626 A 20041217

Abstract (en)
[origin: WO2006066664A1] 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) representing a tank volume and with a separate pressure compartment (7) associated with the spring energy storage device (4).

IPC 8 full level
E05F 3/22 (2006.01); **E05F 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 15/63** (2015.01 - EP US); **E05Y 2400/3015** (2024.05 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Citation (examination)
WO 2006066664 A1 20060629 - DORMA GMBH & CO KG [DE], et al

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 2006066664 A1 20060629; AT E506516 T1 20110515; CN 101080544 A 20071128; DE 102004061626 A1 20060706; DE 102004061626 B4 20080911; DE 502005011291 D1 20110601; EP 1828522 A1 20070905; EP 1828522 B1 20110420; US 2008222957 A1 20080918

DOCDB simple family (application)
EP 2005012164 W 20051114; AT 05814817 T 20051114; CN 200580043190 A 20051114; DE 102004061626 A 20041217; DE 502005011291 T 20051114; EP 05814817 A 20051114; US 79320605 A 20051114