

Title (en)  
Hydraulic mechanism for door opening

Title (de)  
Hydraulischer Mechanismus zum Öffnen von Türen

Title (fr)  
Mécanisme hydraulique pour l'ouverture des portes

Publication  
**EP 2472036 A2 20120704 (EN)**

Application  
**EP 11193184 A 20111213**

Priority  
• ES 201031316 U 20101228  
• ES 201130033 U 20110118

Abstract (en)  
Of the kind fixed to a structure, such as a wall, frame or floor of the type comprising a base (8) with two covers (9) between which covers the door is fixed by securing means (10), characterised in that it comprises: an eccentric shaft (1), a first piston (2), connected to at least one spring (22) and to the eccentric shaft (1) and a closed circuit with lubricant fluid or oil that moves in function of whether the referred spring (22) is compressed or decompressed, thus regulating the door-opening or closing speed.

IPC 8 full level  
**E05D 5/02** (2006.01); **E05F 3/10** (2006.01); **E05F 3/22** (2006.01)

CPC (source: EP)  
**E05D 5/0246** (2013.01); **E05F 3/104** (2013.01); **E05F 3/22** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)  
• ES 9402508 A 19941130  
• ES 200502086 U 20050922  
• ES 284475 U 19850701  
• ES 9701789 A 19970813

Cited by  
EP2808474A1; CN113313877A; US2013160238A1; US8720005B2; CN113107297A; EP4212689A1; EP2808474B1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2472036 A2 20120704; EP 2472036 A3 20120808**

DOCDB simple family (application)  
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