

Title (en)
DAMPING FITTING FOR REVOLVING DOORS

Title (de)
DÄMPFUNGSGARNITUR FÜR DREHTÜREN

Title (fr)
GARNITURE AMORTISSEUSE POUR PORTES PIVOTANTES

Publication
EP 1977060 B1 20100310 (DE)

Application
EP 07711160 A 20070122

Priority
• DE 2007000131 W 20070122
• DE 102006002951 A 20060121

Abstract (en)
[origin: US2009031528A1] In a damping mechanism for a pivot door arranged in a door frame, comprising a door fixture arranged in or on the door panel, a frame fixture arranged in or on the door frame, a damper arrangement arranged in the door fixture or the frame fixture and a damper arrangement counter part mounted in the frame fixture or in the door fixture, a damper arrangement with a brake catcher provided with a damper member includes a spring element which pulls the brake catcher into the fixture and the damper arrangement counter part includes at least one trigger element which is abutted by the brake catcher during closing of the door, so that the damper arrangement begins to dampen the pivot movement of the door as soon as a fixture part of the door comes into contact with a fixture part of the door frame.

IPC 8 full level
E05B 15/02 (2006.01); **E05B 15/10** (2006.01)

CPC (source: EP US)
E05B 15/0205 (2013.01 - EP US); **E05B 15/102** (2013.01 - EP US); **E05B 17/0041** (2013.01 - EP US); **E05F 5/02** (2013.01 - EP US); **E05Y 2201/21** (2013.01 - EP US); **E05Y 2201/212** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2201/488** (2013.01 - EP US); **E05Y 2201/638** (2013.01 - EP US); **Y10T 292/096** (2015.04 - EP US); **Y10T 292/0969** (2015.04 - EP US); **Y10T 292/0977** (2015.04 - EP US); **Y10T 292/0994** (2015.04 - EP US)

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)
US 2009031528 A1 20090205; **US 8544898 B2 20131001**; AT E460547 T1 20100315; DE 102006002951 A1 20070726; DE 102006002951 B4 20081016; DE 502007003078 D1 20100422; EP 1977060 A2 20081008; EP 1977060 B1 20100310; WO 2007082525 A2 20070726; WO 2007082525 A3 20080103

DOCDB simple family (application)
US 22007208 A 20080721; AT 07711160 T 20070122; DE 102006002951 A 20060121; DE 2007000131 W 20070122; DE 502007003078 T 20070122; EP 07711160 A 20070122