

Title (en)

Apparatus for controlling angular movement of a door

Title (de)

Vorrichtung zur Steuerung der Winkelbewegung einer Tür

Title (fr)

Appareil de contrôle de mouvement angulaire d'une porte

Publication

EP 2148033 A3 20100811 (EN)

Application

EP 09164198 A 20090630

Priority

GB 0813613 A 20080725

Abstract (en)

[origin: EP2148033A2] An apparatus for controlling angular movement of a door is described. The apparatus includes a housing (11); a piston (16), having a longitudinal axis, slidable in a passage in the housing; a cam member (19) which is connected to, supported on or integral with a rotatable axle which extends transversely through the housing; and a spring member (20) positioned in the passage in the housing (11) for biasing an end of the piston (16) into engagement with a surface of the cam member (19). The apparatus also includes a holding member (40) which extends through a wall of the housing and engages a part of the piston (16), the holding member (40) inhibiting rotation of the piston (16) about its longitudinal axis.

IPC 8 full level

E05F 3/10 (2006.01)

CPC (source: EP GB)

E05F 3/104 (2013.01 - EP GB); **E05F 3/226** (2013.01 - EP); **E05Y 2201/499** (2024.05 - EP); **E05Y 2900/132** (2013.01 - EP)

Citation (search report)

- [XY] EP 0544253 A1 19930602 - JEBRON LTD [GB]
- [YA] DE 10001950 A1 20000720 - GEZE GMBH [DE]

Cited by

EP3354832A1; WO2015159256A1; CN103850560A; ITUB20155263A1; EP2360337A1; CN108457547A; JP2017511435A; AU2015248488B2; WO2017077491A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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