

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 A2 20100127 (EN)

Application

EP 09164198 A 20090630

Priority

GB 0813613 A 20080725

Abstract (en)

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 (applicant)

EP 0544523 A2 19930602 - NEC CORP [JP]

Cited by

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

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

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