

Title (en)

Door closer with a cam drive and method for manufacturing a door closer with a cam drive

Title (de)

TÜRSCHLIESSER MIT NOCKENANTRIEB UND VERFAHREN ZUR HERSTELLUNG EINES TÜRSCHLIESSERS MIT NOCKENANTRIEB

Title (fr)

FERME-PORTE POURVU D'UN ENTRAÎNEMENT À CAMES ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication

EP 3061897 A1 20160831 (EN)

Application

EP 15156924 A 20150227

Priority

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Abstract (en)

The invention relates to a door Closer (1) comprising a housing, a spindle (2) with a cam surface (3) whereby the spindle (2) extends through an opening of the housing, a first piston (4), wherein the spindle (2) is connected to the first piston (4) via a cam drive (5), wherein the cam drive (5) allows a translation of a longitudinal movement (LM) of the first piston (4) into a rotational movement (RM) of the spindle (2), whereby the cam surface (3) contacts the first piston (4), whereby the first piston (4) comprises a spherical cam contact body (6) whose surface is in contact with the cam surface (3) of the door closers cam drive (5).

IPC 8 full level

E05F 3/10 (2006.01)

CPC (source: EP)

E05F 3/104 (2013.01); **E05Y 2201/628** (2013.01); **E05Y 2800/26** (2013.01)

Citation (search report)

- [XAI] DE 102012112140 A1 20140612 - DORMA GMBH & CO KG [DE]
- [XAI] KR 20070000806 A 20070103 - PARK HYUN SEOK [KR]
- [A] GB 2462633 A 20100217 - JEBRON LTD [GB]

Designated contracting state (EPC)

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