

Title (en)

Sealing element for a piston for a drive of a door or similar

Title (de)

Dichtelement für einen Kolben eines Antriebs einer Tür oder dergl.

Title (fr)

Élément d'étanchéité pour un piston d'un entraînement de porte ou analogue

Publication

EP 2138660 A3 20140212 (DE)

Application

EP 09163840 A 20090626

Priority

DE 102008030060 A 20080627

Abstract (en)

[origin: EP2138660A2] The element (1) has a recess (8) for inserting a sealing ring (10) that seals the element against a piston that is movably arranged in a receiving space filled with a hydraulic fluid. The element seals the piston against an inner wall of the receiving space. The sealing ring is inserted in to the recess by two-component injection molding process during manufacturing of the element. A sealing lip (4) is arranged at a distance to a support body (6) by free cuts (7). The sealing lip comprises a sealing region that lies at the inner wall.

IPC 8 full level

E05F 3/10 (2006.01); **E05F 3/12** (2006.01)

CPC (source: EP)

E05F 3/12 (2013.01); **E05F 3/22** (2013.01); **E05Y 2800/12** (2013.01); **E05Y 2800/28** (2013.01); **E05Y 2800/29** (2013.01); **E05Y 2800/46** (2013.01); **E05Y 2800/68** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XYI] GB 1497220 A 19780105 - WHERTON I
- [YA] EP 0610596 A2 19940817 - JEBRON LTD [GB]
- [A] EP 0728087 A1 19960828 - LUCAS IND PLC [GB]
- [A] US 5502874 A 19960402 - LUCAS CRAIG L [US]
- [AD] DE 19808292 A1 19990902 - GEZE GMBH & CO [DE]

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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