

Title (en)
Actuator

Title (de)
Aktor

Title (fr)
Actionneur

Publication
EP 2366908 A3 20141126 (DE)

Application
EP 11150392 A 20110107

Priority
DE 102010002621 A 20100305

Abstract (en)
[origin: EP2366908A2] The actuator (A) has a cabinet (1) closed by covers (3, 4), where a piston (2) is guided into the cabinet. The piston comprises a link (13) for a lateral axis (8) of an actuator shaft (25), which is supported in one of the covers (4). Guide bars (6a, 6b) are anchored in the cabinet in a fixed manner. The guide bars engage within the piston stroke in guiding units (18a, 18b) that run in the stroke direction. The covers are anchored at the respective guide bars that are made of steel. The guiding units end at the piston in opposite direction.

IPC 8 full level
F15B 15/06 (2006.01)

CPC (source: EP US)
F15B 15/068 (2013.01 - EP US); **Y10T 74/18296** (2015.01 - EP US)

Citation (search report)

- [A] US 6793194 B1 20040921 - GRINBERG JOSEPH [IL]
- [AD] EP 1222403 A2 20020717 - TUCHENHAGEN GMBH [DE]

Cited by
DE102015223999A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2366908 A2 20110921; EP 2366908 A3 20141126; EP 2366908 B1 20150923; BR PI1101358 A2 20120807; CN 102192211 A 20110921; CN 102192211 B 20141008; DE 102010002621 A1 20110908; DK 2366908 T3 20151207; ES 2551393 T3 20151118; PL 2366908 T3 20160331; US 2011220819 A1 20110915; US 8667887 B2 20140311

DOCDB simple family (application)
EP 11150392 A 20110107; BR PI1101358 A 20110303; CN 201110056060 A 20110307; DE 102010002621 A 20100305; DK 11150392 T 20110107; ES 11150392 T 20110107; PL 11150392 T 20110107; US 201113034802 A 20110225