

Title (en)

Linear actuator, in particular cylinder-piston unit with locking device

Title (de)

Linearantrieb, insbesondere Zylinder-Kolben-Einheit mit Sperranordnung

Title (fr)

Actionneur linéaire, en particulier unité cylindre-piston dotée d'un dispositif de verrouillage

Publication

EP 2039944 A3 20120926 (DE)

Application

EP 08005441 A 20080322

Priority

AT 14882007 A 20070921

Abstract (en)

[origin: EP2039944A2] The drive (1) has a threaded spindle (28) supported in an end housing (9) of a cylinder body (4) in a rotatable manner. A locking element (35) is arranged in the housing and formed by a rotational symmetric locking body (36) with a rotational symmetric axis (37) lying parallel to a longitudinal axis and a movement area (38) accommodating the locking body. The movement area is changed with respect to the longitudinal axis in a radial direction by an operating surface (44) of an operating unit (41) supported in the housing, and adjusted between a releasing position and a locking position (45).

IPC 8 full level

F15B 15/26 (2006.01)

CPC (source: EP)

F15B 15/264 (2013.01)

Citation (search report)

- [X] US 2970573 A 19610207 - GEYER HOWARD M
- [X] US 2782766 A 19570226 - BODEM ROY C
- [AD] EP 1106841 A2 20010613 - WEBER HYDRAULIK GMBH [AT]

Cited by

CN110925267A; CN111903441A; CN115199680A; WO2018069128A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2039944 A2 20090325; EP 2039944 A3 20120926; EP 2039944 B1 20131009; AT 505793 A1 20090415; AT 505793 B1 20100315

DOCDB simple family (application)

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