

Title (en)

Linear actuator with internal mechanical locking

Title (de)

Linearantrieb mit innerer mechanischer Verriegelung

Title (fr)

Actionneur linéaire avec verrouillage interne mécanique

Publication

EP 1310681 A2 20030514 (EN)

Application

EP 02023599 A 20021023

Priority

IT TO20011066 A 20011113

Abstract (en)

A linear actuator (1) is disclosed that comprises: an elongated containing body (2) with a head (3); and a multi-start driving screw (9) that rotates around the longitudinal axis (A) of the actuator (1) and operatively cooperates with a nut screw (11); and means (15) for bidirectionally locking the driving screw (9) when it has reached its own final operating, pulling or pushing position, wherein such means (15) are equipped with holding means (16) for the screw (9) and cooperate with elastic means (18) in order to occupy an engagement position with the screw (9) for locking it, or a locking-release position of the screw (9). <IMAGE>

IPC 1-7

F15B 15/26

IPC 8 full level

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CPC (source: EP)

F15B 15/261 (2013.01); **F15B 15/264** (2013.01)

Cited by

CN104675798A; EP1605171A3; CN106481616A; EP1538344A3; US7419342B2

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