

Title (en)
MULTIPLE-ACTING LINEAR ACTUATOR

Title (de)
LINEARER MEHRSTELLUNGSANTRIEB

Title (fr)
ACTIONNEUR LINEAIRE A ACTION MULTIPLE

Publication
EP 2156042 A1 20100224 (FR)

Application
EP 08787870 A 20080328

Priority
• FR 2008000430 W 20080328
• FR 0704343 A 20070619

Abstract (en)
[origin: WO2008155480A1] The present invention relates to a multiple-acting linear actuator (100) intended to drive at least two elements capable of moving relative to a fixed element comprising a plurality of rod-forming concentric tubular bodies (103, 102, 104) engaged successively one inside the next via external and/or internal screw threads (105, 106, 107, 108), characterized in that one of the bodies is connected to rotational-drive means (109), the other bodies then together forming an internal and/or external transmission train, and in that said bodies are associated with selective lock-up means whereas the outermost bodies of the internal and/or external transmission trains are permanently prevented from rotating.

IPC 8 full level
F02K 1/76 (2006.01); **F16H 25/20** (2006.01)

CPC (source: EP US)
F02K 1/763 (2013.01 - EP US); **F16H 25/20** (2013.01 - EP US); **F16H 25/2056** (2013.01 - EP US); **F16H 2025/2075** (2013.01 - EP US); **F16H 2025/2084** (2013.01 - EP US); **F16H 2025/2093** (2013.01 - EP US); **Y10T 74/18672** (2015.01 - EP US)

Citation (search report)
See references of WO 2008155480A1

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)
FR 2917788 A1 20081226; FR 2917788 B1 20090724; CA 2690907 A1 20081224; CN 101680395 A 20100324; CN 101680395 B 20131002; EP 2156042 A1 20100224; RU 2010101152 A 20110727; RU 2497003 C2 20131027; US 2010192715 A1 20100805; WO 2008155480 A1 20081224

DOCDB simple family (application)
FR 0704343 A 20070619; CA 2690907 A 20080328; CN 200880021083 A 20080328; EP 08787870 A 20080328; FR 2008000430 W 20080328; RU 2010101152 A 20080328; US 66515808 A 20080328