

Title (en)

METHOD FOR PRODUCING A THREAD PART AS A COMPOSITE PART, BALL SCREW DRIVE, LINEAR ACTUATOR, ELECTROMECHANICAL BRAKE BOOSTER WITH SUCH A COMPOSITE PART

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES GEWINDETEILS ALS VERBUNDETEIL, WÄLZSCHRAUBTRIEB, LINEARAKTUATOR, ELEKTROMECHANISCHER BREMSKRAFTVERSTÄRKER MIT EINEM SOLCHEN VERBUNDETEIL

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PIÈCE FILETÉE SOUS LA FORME D'UNE PIÈCE COMPOSITE, MÉCANISME À VIS À BILLE, ACTIONNEUR LINÉAIRE, SERVOFREIN ÉLECTROMÉCANIQUE ÉQUIPÉ DE LADITE PIÈCE COMPOSITE

Publication

EP 2750814 A1 20140709 (DE)

Application

EP 12732653 A 20120705

Priority

- DE 102011081966 A 20110901
- EP 2012063081 W 20120705

Abstract (en)

[origin: WO2013029842A1] The invention relates to an electromechanical brake booster (10) with a hollow spindle (16) and a hollow screw (19). The invention proposes producing threads (17, 21) by working metal and encapsulating them in tubular supporting parts (22, 23) injection moulded from plastic. The invention makes it possible to produce the hollow spindle (16) and the hollow screw (19) as composite parts.

IPC 8 full level

B21D 15/04 (2006.01); **B21D 26/033** (2011.01); **B21D 26/051** (2011.01); **B21D 39/00** (2006.01); **B21D 53/10** (2006.01); **B21D 53/24** (2006.01); **F16H 25/22** (2006.01)

CPC (source: EP US)

B21D 15/04 (2013.01 - EP US); **B21D 26/033** (2013.01 - EP US); **B21D 26/051** (2013.01 - EP US); **B21D 39/00** (2013.01 - EP US); **B21D 53/10** (2013.01 - EP US); **B21D 53/24** (2013.01 - EP US); **B60T 13/745** (2013.01 - EP US); **B60T 13/746** (2013.01 - EP US); **F16H 25/2204** (2013.01 - EP US); **F16H 2025/2481** (2013.01 - EP US); **Y10T 29/49881** (2015.01 - EP US); **Y10T 74/18576** (2015.01 - EP US)

Citation (search report)

See references of WO 2013029842A1

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

DOCDB simple family (publication)

DE 102011081966 A1 20130307; EP 2750814 A1 20140709; JP 2014529508 A 20141113; US 2014326090 A1 20141106; WO 2013029842 A1 20130307

DOCDB simple family (application)

DE 102011081966 A 20110901; EP 12732653 A 20120705; EP 2012063081 W 20120705; JP 2014526427 A 20120705; US 201214342325 A 20120705