

Title (en)

METHOD FOR MANUFACTURING A SHAFT WITH SHAPED PROFILE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER WELLE MIT GEFORMTEM PROFIL

Title (fr)

PROCÉDÉ POUR FABRIQUER UN ARBRE À PROFIL FORMÉ

Publication

**EP 3294491 A1 20180321 (EN)**

Application

**EP 16726184 A 20160513**

Priority

- IT MI20150668 A 20150513
- IB 2016052789 W 20160513

Abstract (en)

[origin: WO2016181363A1] A method for manufacturing a shaft (1) with shaped profile, the method comprising the steps of: - making a bar (2) which extends along a first axis (A1); - making an annular element (3) having an opening (10) about a second axis (A2); - depositing material (24) on the bar (2) so as to form a coupling stretch (5); - inserting the annular element (3) on the bar (2); and - fixing by interference the annular element (3) on the bar (2) in the coupling stretch (5).

IPC 8 full level

**B23P 11/00** (2006.01)

CPC (source: EP)

**B23P 11/00** (2013.01); **B23P 15/00** (2013.01); **F01L 1/047** (2013.01); **B23P 2700/02** (2013.01); **F01L 2001/0471** (2013.01);  
**F01L 2303/00** (2020.05); **F01L 2303/01** (2020.05)

Citation (search report)

See references of WO 2016181363A1

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)

**WO 2016181363 A1 20161117**; EP 3294491 A1 20180321; IT MI20150668 A1 20161113

DOCDB simple family (application)

**IB 2016052789 W 20160513**; EP 16726184 A 20160513; IT MI20150668 A 20150513