

Title (en)  
METHOD AND DEVICE FOR CREATING PARTS, NOTABLY ELONGATE PARTS OF REVOLUTION, BY MACHINING A BAR HELD FIXED IN ROTATION

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON TEILEN, INSBESONDERE LÄNGLICHE UMDREHUNGSTEILE, DURCH BEARBEITUNG EINER WÄHREND DER ROTATION FESTGEHALTENEN STANGE

Title (fr)  
PROCÉDÉ ET DISPOSITIF DE RÉALISATION DE PIÈCES, NOTAMMENT DE PIÈCES DE RÉVOLUTION ALLONGÉES, PAR USINAGE D'UNE BARRE MAINTENUE FIXE EN ROTATION

Publication  
**EP 2686149 A2 20140122 (FR)**

Application  
**EP 12714781 A 20120315**

Priority  
• FR 1152237 A 20110318  
• FR 2012050538 W 20120315

Abstract (en)  
[origin: WO2012127153A2] The bar is machined to the desired longitudinal and/or circumferential profile by rotary tools (3) carried by a main plate (5) rotated on the chassis (20), the tools being connected to the plate by tool supports (4) able to move radially on this plate, and depending on the desired profile, a radial movement of the tool supports is commanded according to the axial position of the bar with respect to the chassis and/or to the circumferential position of the tools with respect to the bar. In order to command said radial movement, a secondary plate (6) is rotated coaxial with the main plate (5), this secondary plate (6) comprising means (42) of actuating the tool supports (4), which are arranged in such a way that the position of the tool supports is dependent on the relative angular position between the main plate and the secondary plate and, in order to adjust the radial position of the tools permanently during rotation of the main plate (5), said relative angular position is altered.

IPC 8 full level  
**B27L 1/08** (2006.01); **B27C 5/00** (2006.01); **B27C 5/08** (2006.01); **B27C 7/00** (2006.01); **B27L 1/10** (2006.01); **B27L 9/00** (2006.01)

CPC (source: EP US)  
**B27C 5/08** (2013.01 - EP US); **B27C 7/005** (2013.01 - EP US); **B27L 9/00** (2013.01 - EP US); **Y10T 82/2527** (2015.01 - EP US)

Citation (search report)  
See references of WO 2012127153A2

Cited by  
RU184234U1

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)  
**FR 2972670 A1 20120921**; **FR 2972670 B1 20130322**; CA 2829077 A1 20120927; EP 2686149 A2 20140122; EP 2686149 B1 20151021; US 2014000762 A1 20140102; WO 2012127153 A2 20120927; WO 2012127153 A3 20121220

DOCDB simple family (application)  
**FR 1152237 A 20110318**; CA 2829077 A 20120315; EP 12714781 A 20120315; FR 2012050538 W 20120315; US 201214005355 A 20120315