

Title (en)

METHOD FOR MANUFACTURING A TUBULAR METAL PART

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ROHRFÖRMIGEN METALLTEILS

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PIÈCE MÉTALLIQUE TUBULAIRE

Publication

EP 2981371 B1 20170322 (FR)

Application

EP 10793004 A 20101117

Priority

- FR 0958173 A 20091119
- FR 2010052441 W 20101117

Abstract (en)

[origin: WO2011061444A2] The method for manufacturing the metal part (10) from a hollow ingot (10A) includes: axially stretching (100) the hollow ingot (10A) by means of forging; horning (120) the stretched ingot (10B) on the forging press (12) in order to form a generally tubular intermediate preform (10C); rolling (130) the intermediate preform (10C) on a circular rolling mill (16), thus enabling formation of a blank (10D); and machining (140) the blank (10D) so as to provide it with the size and shape of the finished metal part (10).

IPC 8 full level

B21H 1/06 (2006.01); **B21B 23/00** (2006.01); **B21D 53/06** (2006.01); **B21D 53/10** (2006.01); **B22F 5/10** (2006.01)

CPC (source: EP)

B21D 53/10 (2013.01); **B21H 1/06** (2013.01); **B21K 1/761** (2013.01)

Cited by

CN110496929A; CN110976746A; CN108435998A

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 2952558 A1 20110520; FR 2952558 B1 20111216; EP 2981371 A2 20160210; EP 2981371 B1 20170322; WO 2011061444 A2 20110526; WO 2011061444 A3 20110818

DOCDB simple family (application)

FR 0958173 A 20091119; EP 10793004 A 20101117; FR 2010052441 W 20101117