

Title (en)

FORGING TOOL FOR THE MANUFACTURE OF A SHAPED ROLLED RING, NOTABLY FOR THE MANUFACTURE OF A TURBOMACHINE DISC

Title (de)

SCHMIEDEWERKZEUG ZUR HERSTELLUNG EINES GEFORMTEN GEWALZTEN RINGS, INSBESONDERE ZUR HERSTELLUNG EINER TURBOMASCHINENSCHIEBE

Title (fr)

OUTILLAGE DE FORGEAGE POUR LA FABRICATION D'UNE COURONNE LAMINEE DE FORME, NOTAMMENT POUR LA FABRICATION D'UN DISQUE DE TURBOMACHINE

Publication

EP 3086891 A1 20161102 (FR)

Application

EP 15705675 A 20150202

Priority

- FR 1450889 A 20140205
- FR 2015050229 W 20150202

Abstract (en)

[origin: CA2945500A1] Mandrels (1, 2) for the rolling of a ring (7) comprise impressions (5, 6) to accommodate the ring, which impressions have fillet radii where the various faces meet, so as to avoid the creation of sharp corners on the rolled ring (7) and the accidental formation of cracks.

IPC 8 full level

B21H 1/06 (2006.01)

CPC (source: EP RU US)

B21H 1/06 (2013.01 - EP RU US)

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)

FR 3017060 A1 20150807; FR 3017060 B1 20160826; BR 112016017512 A2 20170808; BR 112016017512 B1 20221101; CA 2945500 A1 20150813; CA 2945500 C 20220906; CN 105934293 A 20160907; CN 105934293 B 20180202; EP 3086891 A1 20161102; EP 3086891 B1 20171227; RU 2687324 C1 20190513; US 10543523 B2 20200128; US 2016339504 A1 20161124; WO 2015118249 A1 20150813

DOCDB simple family (application)

FR 1450889 A 20140205; BR 112016017512 A 20150202; CA 2945500 A 20150202; CN 201580006131 A 20150202; EP 15705675 A 20150202; FR 2015050229 W 20150202; RU 2016135654 A 20150202; US 201515114918 A 20150202