

Title (en)

HOUSING CASTING PATTERN, HOUSING SERIES, METHOD FOR PRODUCING A CAST HOUSING OF A RADIAL TURBO-FLUID ENGINE

Title (de)

GEHÄUSEGUSSMODELL, GEHÄUSEBAUREIHE, VERFAHREN ZUR ERZEUGUNG EINES GEGOSSENEN GEHÄUSES EINER RADIALTURBOFLUIDENERGIEMASCHINE

Title (fr)

MODÈLE DE COULÉE DE BOÎTIER, SÉRIE DE BOÎTIER ET PROCÉDÉ DE FABRICATION D'UN BOÎTIER COULÉ D'UNE TURBOMACHINE À ÉNERGIE FLUIDIQUE RADIALE

Publication

**EP 3183079 B1 20180801 (DE)**

Application

**EP 15763591 A 20150916**

Priority

- DE 102014218945 A 20140919
- EP 2015071151 W 20150916

Abstract (en)

[origin: WO2016042004A1] The invention relates to a method for producing a cast housing (CAS) of a radial turbo-fluid engine (RFM), comprising the following steps: a) assembling a housing casting pattern (CASM), b) moulding the assembled housing casting pattern (CASM), and c) casting the cast housing (CAS). The invention further relates to a multi-part housing casting pattern for producing the cast housing of the radial turbo-fluid engine. The invention relates to a housing series of a radial turbo-fluid engine series.

IPC 8 full level

**B22C 7/00** (2006.01); **B22C 9/02** (2006.01); **F04D 17/12** (2006.01); **F04D 29/42** (2006.01)

CPC (source: CN EP RU)

**B22C 7/00** (2013.01 - CN EP RU); **B22C 9/02** (2013.01 - RU); **F04D 17/125** (2013.01 - CN EP); **F04D 29/4206** (2013.01 - CN EP); **B22C 9/02** (2013.01 - CN EP); **F05D 2230/21** (2013.01 - CN EP)

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 102014218945 A1 20160324**; CN 107073561 A 20170818; EP 3183079 A1 20170628; EP 3183079 B1 20180801; RU 2669133 C1 20181008; WO 2016042004 A1 20160324

DOCDB simple family (application)

**DE 102014218945 A 20140919**; CN 201580050712 A 20150916; EP 15763591 A 20150916; EP 2015071151 W 20150916; RU 2017113153 A 20150916