

Title (en)

SPLIT GEAR HOUSING WITH SEALING ELEMENT FOR STEPPED PARTING JOINT

Title (de)

TEILBARES GETRIEBEGEHÄUSE MIT DICHELEMENT FÜR GESTUFTE TEILFUGEN

Title (fr)

BOÎTIER D'ENGRENAGE EN DEUX PARTIES AVEC ÉTANCHÉITÉ POUR JOINT D'ASSEMBLAGE AVEC DÉCROCHEMENT

Publication

**EP 3198149 A1 20170802 (DE)**

Application

**EP 15763595 A 20150916**

Priority

- DE 102014219137 A 20140923
- EP 2015071177 W 20150916

Abstract (en)

[origin: WO2016046037A1] The invention relates to a separable housing for a transmission, in particular for a transmission of a fluid machine, such as, for example, a transmission turbo-compressor, and a fluid machine comprising such a separable housing. The transmission (100) that is provided for receiving in the separable housing (1) has a large wheel (101) and at least two pinion shafts (10, 1) which are in engagement with the large wheel (101). The separable housing (1) comprises at least one first housing element (2) and a second housing element (3) which is connected to the first housing element (2) via a parting joint (4). The at least two pinion shafts (10, 11) can be received in the parting joint (4). The parting joint (4) comprises a parting joint seam (5), which is sealed by using a sealing element (30) which comprises a shape substantially corresponding to the parting joint seam (5).

IPC 8 full level

**F04D 17/12** (2006.01); **F04D 25/16** (2006.01); **F04D 29/08** (2006.01); **F04D 29/42** (2006.01); **F16H 57/02** (2012.01)

CPC (source: EP RU)

**F04D 17/12** (2013.01 - EP RU); **F04D 25/163** (2013.01 - EP); **F04D 29/083** (2013.01 - EP); **F04D 29/4206** (2013.01 - EP); **F16H 57/02** (2013.01 - EP); **F16H 2057/02008** (2013.01 - 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102014219137 A1 20160324**; CN 106715916 A 20170524; EP 3198149 A1 20170802; RU 2660731 C1 20180709; WO 2016046037 A1 20160331

DOCDB simple family (application)

**DE 102014219137 A 20140923**; CN 201580051406 A 20150916; EP 15763595 A 20150916; EP 2015071177 W 20150916; RU 2017113693 A 20150916