

Title (en)
TURBINE ENGINE CASING HAVING A REINFORCED SEAL

Title (de)
TURBINENMOTORGEHÄUSE MIT VERSTÄRKTER ABDICHTUNG

Title (fr)
CARTER DE TURBOMACHINE A ETANCHEITE RENFORCEE

Publication
EP 2470795 A1 20120704 (FR)

Application
EP 10752062 A 20100721

Priority
• FR 0955778 A 20090825
• FR 2010051536 W 20100721

Abstract (en)
[origin: WO2011023873A1] The invention relates to strengthening the seal of a turbine casing by uncoupling the attachment flange from the rest of the housing. The casing comprises a body (12) which is externally reinforced by axial ribs (14) connected to an annular rib (25), and the attachment flange (19) is attached to said rib via an annular wall portion (27) which is thinner than the rib and the flange.

IPC 8 full level
F04D 29/42 (2006.01)

CPC (source: EP US)
F04D 29/42 (2013.01 - US); **F04D 29/426** (2013.01 - EP); **F05D 2260/39** (2013.01 - EP)

Citation (search report)
See references of WO 2011023873A1

Cited by
GB2548472B

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011023873 A1 20110303; CN 102639878 A 20120815; EP 2470795 A1 20120704; EP 2470795 B1 20161130; FR 2949517 A1 20110304; FR 2949517 B1 20111021; JP 2013503291 A 20130131; JP 5536214 B2 20140702; RU 2012108484 A 20131010; RU 2530953 C2 20141020; US 2012230816 A1 20120913; US 9086077 B2 20150721

DOCDB simple family (application)
FR 2010051536 W 20100721; CN 201080038081 A 20100721; EP 10752062 A 20100721; FR 0955778 A 20090825; JP 2012526093 A 20100721; RU 2012108484 A 20100721; US 201013391977 A 20100721