

Title (en)

Watertight assembly of a hub cavity of a turbomachine exhaust casing

Title (de)

Dichtigkeit eines Nabenhohlraums eines Austrittsgehäuses in einem Turbotriebwerk

Title (fr)

Étanchéité d'une cavité de moyeu d'un carter d'échappement dans une turbomachine

Publication

EP 2071142 B1 20100623 (FR)

Application

EP 08168877 A 20081112

Priority

FR 0708713 A 20071214

Abstract (en)

[origin: EP2071142A1] The casing (10) has radial arms (16) for connecting a radial inner wall (12) and a radial outer wall (14), and a cylindrical envelope (18) connected to a downstream end of the inner wall. The envelope delimits a hub cavity (38) with the inner wall and an exhaust gas flow space with the outer wall. The envelope has an upstream end with an annular radial part (26) extending towards interior of a turbomachine. The radial part has an inner end comprising an annular edge (28) that co-operates by radial sliding with the inner wall in a sealed manner.

IPC 8 full level

F01D 11/00 (2006.01); **F01D 25/30** (2006.01)

CPC (source: EP US)

F01D 11/005 (2013.01 - EP US); **F01D 25/30** (2013.01 - EP US); **F05D 2230/642** (2013.01 - EP US)

Cited by

FR2956695A1; US9194253B2; WO2011107694A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 2071142 A1 20090617; **EP 2071142 B1 20100623**; CA 2647058 A1 20090614; CA 2647058 C 20150217; DE 602008001592 D1 20100805; FR 2925119 A1 20090619; JP 2009144708 A 20090702; JP 5320046 B2 20131023; RU 2008149138 A 20100620; RU 2478801 C2 20130410; US 2009155071 A1 20090618; US 8172526 B2 20120508

DOCDB simple family (application)

EP 08168877 A 20081112; CA 2647058 A 20081210; DE 602008001592 T 20081112; FR 0708713 A 20071214; JP 2008312953 A 20081209; RU 2008149138 A 20081212; US 33090908 A 20081209