

Title (en)

RING FOR REDUCING THE OVERPRESSURE NEAR THE UPSTREAM SEAL OF A BEARING COMPARTMENT OF A TURBOJET ENGINE

Title (de)

RING ZUR VERMINDERUNG DES ÜBERDRUCKS IN DER NÄHE DER STROMAUFWÄRTIGEN DICHUNG EINES LAGERGEHÄUSES EINES TURBINEN-STRAHLTRIEBWERKS

Title (fr)

VIROLE DE RÉDUCTION DE LA SURPRESSION AU VOISINAGE DU JOINT AMONT D'UNE ENCEINTE DE PALIER DE TURBOREACTEUR

Publication

**EP 3580431 B1 20201216 (FR)**

Application

**EP 18706790 A 20180205**

Priority

- FR 1700127 A 20170207
- FR 2018050274 W 20180205

Abstract (en)

[origin: WO2018146404A1] The invention relates to a turbojet bearing housing comprising a stationary envelope (13) through which a rotor (2) passes, said envelope (13) comprising a cylindrical end (32) surrounding a joint (18) that ensures the tightness of the cylindrical end (32) of the envelope with the rotor (2), said envelope (13) being provided with a casing (37) screwed onto the cylindrical end (32) thereof, said casing (37) comprising radial channels (47) that open up opposite said joint (18) and are arranged such that an air stream passing through the joint (18) towards the housing comes mainly from said radial channels (47).

IPC 8 full level

**F01D 25/16** (2006.01); **F01D 25/18** (2006.01)

CPC (source: EP US)

**F01D 25/16** (2013.01 - EP US); **F01D 25/183** (2013.01 - EP US); **F05D 2230/60** (2013.01 - EP US)

Cited by

EP3769914A1

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)

**FR 3062679 A1 20180810; FR 3062679 B1 20190419**; CN 110268140 A 20190920; CN 110268140 B 20220304; EP 3580431 A1 20191218; EP 3580431 B1 20201216; US 11261754 B2 20220301; US 2020032672 A1 20200130; WO 2018146404 A1 20180816

DOCDB simple family (application)

**FR 1700127 A 20170207**; CN 201880010305 A 20180205; EP 18706790 A 20180205; FR 2018050274 W 20180205; US 201816483464 A 20180205