

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)

VIOLE 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)

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DOCDB simple family (publication)

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