

Title (en)

TURBINE ENGINE, SUCH AS AN AIRPLANE TURBOFAN OR TURBOPROP ENGINE

Title (de)

TURBINENMOTOR, WIE ETWA EIN MANTELSTROMTRIEBWERK ODER TURBOMOTOR FÜR EIN FLUGZEUG

Title (fr)

TURBOMACHINE, TELLE QU'UN TURBORÉACTEUR OU UN TURBOPROPULSEUR D'AVION

Publication

EP 2971738 A1 20160120 (FR)

Application

EP 14715361 A 20140312

Priority

- FR 1352353 A 20130315
- FR 2014050566 W 20140312

Abstract (en)

[origin: WO2014140483A1] The invention relates to a turbine engine, such as an airplane turbofan or turboprop engine, including a blower casing (10) having a substantially cylindrical wall (12) surrounding the blades of the blower, and at least two annular acoustic insulation panels (18, 20) mounted radially inside said wall (12), a first panel (18) being mounted upstream from the blower, a second panel (20) being located downstream from the first panel (18) and supporting an inner layer (42) made of an abradable material, facing the radially external ends of the blades of the blower, characterized in that the two annular panels (18, 20) form a single structural unit.

IPC 8 full level

F02K 3/06 (2006.01); **F02C 7/045** (2006.01); **F16B 11/00** (2006.01)

CPC (source: CN EP US)

F01D 25/24 (2013.01 - CN); **F02C 7/045** (2013.01 - EP US); **F02K 3/06** (2013.01 - EP US); **F05D 2230/60** (2013.01 - EP US);
F05D 2250/283 (2013.01 - EP US); **F05D 2260/96** (2013.01 - EP US); **F16B 11/006** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2014140483A1

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)

WO 2014140483 A1 20140918; BR 112015023057 A2 20170718; BR 112015023057 A8 20191203; CA 2905793 A1 20140918;
CN 105051360 A 20151111; CN 106979040 A 20170725; EP 2971738 A1 20160120; FR 3003303 A1 20140919; FR 3003303 B1 20170630;
JP 2016513773 A 20160516; RU 2015138543 A 20170419; US 2016032834 A1 20160204

DOCDB simple family (application)

FR 2014050566 W 20140312; BR 112015023057 A 20140312; CA 2905793 A 20140312; CN 201480015664 A 20140312;
CN 201611151155 A 20140312; EP 14715361 A 20140312; FR 1352353 A 20130315; JP 2015562284 A 20140312; RU 2015138543 A 20140312;
US 201414775141 A 20140312