

Title (en)

DEVICE FOR ATTACHING AN AIR INLET ONTO A FAN CASING OF AN AIRCRAFT TURBOJET NACELLE

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG EINES LUFTEINLASSES AUF EINEM FANGEHÄUSE EINER FLUGZEUGTURBOSTRAHLGONDEL

Title (fr)

DISPOSITIF POUR LA FIXATION D'UNE ENTRÉE D'AIR SUR UN CARTER DE SOUFFLANTE D'UNE NACELLE DE TURBORÉACTEUR D'AÉRONEF

Publication

EP 3194749 A1 20170726 (FR)

Application

EP 15788468 A 20150917

Priority

- FR 1458829 A 20140918
- FR 2015052495 W 20150917

Abstract (en)

[origin: WO2016042271A1] The invention relates to a device (36) for attaching a downstream end of an air inlet onto a fan casing (30) of an aircraft turbojet nacelle. The air inlet comprises an acoustic ferrule (28) that is radially defined by an inner skin (32) and an outer skin (34) that confine an acoustic panel (70). The device (36) comprises: a first flange (38) that is rigidly connected to the casing (30); a second L-shaped flange (40) that includes a base (48) provided such as to be connected to the ferrule (28); and a collar (50) provided such as to be connected to the first flange (38). Said device is characterized in that it comprises an extension (56) that longitudinally extends from an upstream section (58), rigidly connected to the outer skin (34) of the ferrule (28), to a widened downstream section (60) that defines a radial space (62) with the ferrule (28) and is attachable onto the base (48) of the second L-shaped flange (40) by attachment means (61), without damaging the outer skin (34) of the ferrule (28).

IPC 8 full level

F02C 7/045 (2006.01); **B64D 29/06** (2006.01); **B64D 33/02** (2006.01); **F01D 25/24** (2006.01); **F02K 1/82** (2006.01)

CPC (source: EP US)

B64D 27/16 (2013.01 - US); **B64D 29/06** (2013.01 - EP US); **B64D 33/02** (2013.01 - US); **F01D 11/08** (2013.01 - EP); **F01D 25/243** (2013.01 - EP US); **F02C 7/045** (2013.01 - EP US); **F02K 1/827** (2013.01 - EP US); **F02K 3/06** (2013.01 - US); **B64D 2033/0206** (2013.01 - EP US); **B64D 2033/0286** (2013.01 - US); **F05D 2220/323** (2013.01 - US); **F05D 2230/53** (2013.01 - EP US); **F05D 2250/75** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US); **F05D 2260/31** (2013.01 - EP US); **F05D 2260/96** (2013.01 - EP US); **F05D 2300/121** (2013.01 - EP US); **F05D 2300/133** (2013.01 - EP US); **F05D 2300/603** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)

See references of WO 2016042271A1

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)

FR 3026134 A1 20160325; **FR 3026134 B1 20190719**; CN 106715267 A 20170524; EP 3194749 A1 20170726; US 10415472 B2 20190917; US 2017184023 A1 20170629; WO 2016042271 A1 20160324

DOCDB simple family (application)

FR 1458829 A 20140918; CN 201580050534 A 20150917; EP 15788468 A 20150917; FR 2015052495 W 20150917; US 201715459014 A 20170315