

Title (en)

DEVICE FOR ATTACHING MANIFOLDS FOR COOLING THE CASING OF A TURBINE-ENGINE TURBINE BY AIR JETS

Title (de)

VORRICHTUNG ZUR BEFESTIGUNG VON VERTEILERN ZUR KÜHLUNG DES GEHÄUSES DER TURBINE EINES TURBINENMOTORS DURCH LUFTSTRAHLEN

Title (fr)

DISPOSITIF DE FIXATION DES RAMPES DE REFROIDISSEMENT PAR JETS D'AIR DU CARTER D'UNE TURBINE DE TURBOMACHINE

Publication

EP 3341570 A1 20180704 (FR)

Application

EP 16770056 A 20160825

Priority

- FR 1557978 A 20150827
- FR 2016052120 W 20160825

Abstract (en)

[origin: WO2017032952A1] The invention relates to a device (3) for attaching manifolds (1) for cooling the casing (2) of a preferably low-pressure turbine of a turbine engine by air jets, comprising a mounting (4) of said manifolds, shaped such as to keep said manifolds spaced apart from one another and a plurality of elements (5) for supporting said manifold mounting (4), each supporting element being attached to the casing, and connected to said manifold mounting (4) by connection means (6, 6'). Said device is characterised in that it comprises N cooling manifolds (1) and N-1 supporting elements (5), each supporting element (5) being arranged between two adjacent cooling manifolds.

IPC 8 full level

F01D 25/12 (2006.01)

CPC (source: EP US)

F01D 25/12 (2013.01 - EP US); **F05D 2220/3215** (2013.01 - US); **F05D 2240/90** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US)

Citation (search report)

See references of WO 2017032952A1

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 2017032952 A1 20170302; CN 107923259 A 20180417; CN 107923259 B 20200929; EP 3341570 A1 20180704; EP 3341570 B1 20190501; FR 3040429 A1 20170303; FR 3040429 B1 20190607; US 10619511 B2 20200414; US 2018216488 A1 20180802

DOCDB simple family (application)

FR 2016052120 W 20160825; CN 201680049155 A 20160825; EP 16770056 A 20160825; FR 1557978 A 20150827; US 201615755525 A 20160825