Title (en)

TURBOMACHINE MODULE COMPRISING PLATES FOR LOCKING PAIRS OF LUGS

Title (de

TURBOMASCHINENMODUL MIT PLATTEN ZUM VERRIEGELN VON LASCHENPAAREN

Title (fr)

MODULE DE TURBOMACHINE COMPORTANT DES PLAQUES DE VERROUILLAGE DE PAIRES DE GOUJONS

Publication

EP 4229280 A1 20230823 (FR)

Application

EP 21805564 A 20211013

Priority

- FR 2010726 A 20201019
- FR 2021051778 W 20211013

Abstract (en

[origin: WO2022084604A1] The invention relates to an aircraft turbomachine module, comprising two tubular casings which are provided with first and second annular flanges joined together by lugs (24a, 24b) that are received in the first flange and that receive nuts at the back of the second flange, each lug comprising an intermediate section (34a, 34b) that is hexagonal in shape and cooperates with an attached plate (36) which comprises a first orifice (38, 38a) received on said intermediate section (34, 34a) by means of at least two opposing walls (58, 58a), this attached plate (36) comprising a transverse body (40) which is immobilized so as to prevent rotation of said plate (36) and of the lug (24, 24a, 24b), characterized in that each plate (36) is attached to two immediately adjacent lugs (24a, 24b), and in that the body (40) comprises, to that end and opposite the first orifice (38a), a second similar orifice (38b) that is received on an intermediate section (34b) of an immediately adjacent lug (24b), and cooperates with the hexagonal intermediate section (34b) of said lug (24b).

IPC 8 full level

F01D 25/24 (2006.01)

CPC (source: EP US)

F01D 25/243 (2013.01 - EP US); F05D 2260/30 (2013.01 - EP); F05D 2260/31 (2013.01 - US)

Citation (search report)

See references of WO 2022084604A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3115320 A1 20220422; FR 3115320 B1 20230519; CN 116324129 A 20230623; EP 4229280 A1 20230823; US 2023392519 A1 20231207; WO 2022084604 A1 20220428

DOCDB simple family (application)

FR 2010726 A 20201019; CN 202180071097 A 20211013; EP 21805564 A 20211013; FR 2021051778 W 20211013; US 202118249230 A 20211013