

Title (en)

REMOVABLE PIN ON A TURBOMACHINE NOZZLE

Title (de)

ABNEHMBARER STIFT AN EINER TURBOMASCHINENDÜSE

Title (fr)

PION AMOVIBLE SUR DISTRIBUTEUR DE TURBOMACHINE

Publication

EP 3973146 B1 20221221 (FR)

Application

EP 20720100 A 20200427

Priority

- FR 1905298 A 20190521
- EP 2020061624 W 20200427

Abstract (en)

[origin: WO2020233947A1] The invention relates to an assembly for a turbomachine (2), comprising a turbine nozzle (10) which comprises a tubular platform (102), an inner radial flange (103) extending radially inward from the platform (102), and a plurality of vanes (101) extending radially outward from the platform (102); a housing (30) comprising an outer radial flange (303); a stopper (70) for axially holding the outer radial flange (303) in contact with the inner radial flange (103); and a support ring (40) attached to the housing (30) and radially supporting the stopper (70). The invention is characterised in that the stopper (70) is formed by a head (72) and a body (78) removably assembled on the head (72).

IPC 8 full level

F01D 5/08 (2006.01); **F01D 9/04** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)

F01D 5/082 (2013.01 - EP); **F01D 9/04** (2013.01 - US); **F01D 9/042** (2013.01 - EP); **F01D 25/24** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP); **F05D 2230/64** (2013.01 - EP US); **F05D 2250/12** (2013.01 - EP); **F05D 2250/131** (2013.01 - EP); **F05D 2260/30** (2013.01 - EP)

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

DOCDB simple family (publication)

WO 2020233947 A1 20201126; CN 113811669 A 20211217; EP 3973146 A1 20220330; EP 3973146 B1 20221221; FR 3096397 A1 20201127; FR 3096397 B1 20210416; US 11603775 B2 20230314; US 2022195891 A1 20220623

DOCDB simple family (application)

EP 2020061624 W 20200427; CN 202080034973 A 20200427; EP 20720100 A 20200427; FR 1905298 A 20190521; US 202017604519 A 20200427