

Title (en)  
MULTI-BLADE VANE FOR A TURBOMACHINE ROTOR AND ROTOR COMPRISING SAME

Title (de)  
MEHRFLÜGELIGE SCHAUFEL FÜR EINEN ROTOR EINER TURBOMASCHINE UND ROTOR DAMIT

Title (fr)  
AUBE MULTIPALE DE ROTOR DE TURBOMACHINE ET ROTOR LA COMPRENANT

Publication  
**EP 3724454 B1 20220216 (FR)**

Application  
**EP 18829759 A 20181212**

Priority  
• FR 1762028 A 20171213  
• EP 2018084462 W 20181212

Abstract (en)  
[origin: WO2019115578A1] The invention relates to a vane (1) for a turbomachine rotor comprising a first blade (2) and a second blade (3) arranged to form two successive blades for a bladed rotor, a platform (4) substantially forming an angular wall sector in an axial direction (X), the two blades (2, 3) being connected to the platform (4) by one of the ends thereof extending substantially in a direction referred to as radial (R) which is substantially perpendicular to the axial direction (X), and attachment means connected to the platform (4) which are designed to cooperate with fastening means on a disk (6) of the rotor, characterised in that the attachment means comprise two individual supports (12, 13), each support extending from the platform (4), in the radial direction (R), in the extension of one of the two blades (2, 3), and bearing an attachment member (16, 17) at an end opposite the platform (4), the attachment member extending substantially parallel to the axial direction (X) and having at least one surface (S1, S2) facing the platform (4) with a constant cross-sectional profile perpendicular to the axial direction (X), so as to form a bearing surface for retaining the vane (1) in the radial direction (R) oriented from the platform to the blades (2, 3). The invention further relates to the rotor comprising the vane.

IPC 8 full level  
**F01D 5/14** (2006.01); **F01D 5/30** (2006.01)

CPC (source: EP US)  
**F01D 5/02** (2013.01 - US); **F01D 5/146** (2013.01 - EP US); **F01D 5/3007** (2013.01 - EP US); **F01D 5/3015** (2013.01 - EP); **F04D 29/322** (2013.01 - US); **F01D 5/3015** (2013.01 - US); **F05D 2240/30** (2013.01 - US); **F05D 2240/80** (2013.01 - US); **F05D 2240/90** (2013.01 - US); **F05D 2260/30** (2013.01 - US); **F05D 2260/941** (2013.01 - EP US)

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)  
**FR 3074839 A1 20190614**; **FR 3074839 B1 20191108**; CN 111448366 A 20200724; CN 111448366 B 20220916; EP 3724454 A1 20201021; EP 3724454 B1 20220216; US 11156108 B2 20211026; US 2020392855 A1 20201217; WO 2019115578 A1 20190620

DOCDB simple family (application)  
**FR 1762028 A 20171213**; CN 201880079927 A 20181212; EP 18829759 A 20181212; EP 2018084462 W 20181212; US 201816770856 A 20181212