

Title (en)

ROTOR DISK HAVING AN END-FACE SEALING ELEMENT

Title (de)

ROTORSCHEIBE MIT STIRNSEITIGEM DICHELEMENT

Title (fr)

DISQUE DE ROTOR MUNI D'UN ÉLÉMENT D'ÉTANCHÉITÉ CÔTÉ FRONTAL

Publication

EP 3423679 A1 20190109 (DE)

Application

EP 17717116 A 20170406

Priority

- US 201615093800 A 20160408
- DE 102016208759 A 20160520
- EP 2017058255 W 20170406

Abstract (en)

[origin: WO2017174723A1] The invention relates to a seal on a rotor disk assembly having a rotor disk (01), which rotor disk (01) has a plurality of axially extending blade-retaining grooves (09) distributed on the outer periphery. Furthermore, the rotor disk assembly comprises a plurality of sealing elements (11) distributed over the periphery, which sealing elements (11) cover the blade-retaining grooves (09) at the associated end face at least in some sections. The sealing elements (11) are supported on the side facing the rotor axis on a fastening protrusion (03) of the rotor disk (01) by means of a fastening section (13).

IPC 8 full level

F01D 5/30 (2006.01)

CPC (source: EP)

F01D 5/3015 (2013.01); **F01D 11/001** (2013.01); **F01D 11/006** (2013.01); **F05D 2260/30** (2013.01)

Citation (search report)

See references of WO 2017174723A1

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 2017174723 A1 20171012; EP 3423679 A1 20190109

DOCDB simple family (application)

EP 2017058255 W 20170406; EP 17717116 A 20170406