

Title (en)

GUIDE- BLADE RIM HOUSING FOR A TURBOMACHINE AND TURBOMACHINE WITH GUIDE- BLADE RIM HOUSING

Title (de)

LEITSCHAUFELKRANZGEHÄUSE FÜR EINE STRÖMUNGSMASCHINE UND STRÖMUNGSMASCHINE MIT LEITSCHAUFELKRANZGEHÄUSE

Title (fr)

BOITIER DE STATOR POUR UNE TURBOMACHINE ET TURBOMACHINE COMPRENANT UN BOITIER DE STATOR

Publication

EP 3176385 B1 20220126 (DE)

Application

EP 15198097 A 20151204

Priority

EP 15198097 A 20151204

Abstract (en)

[origin: US2017159467A1] An inventive guide vane ring casing 10' for a turbomachine has a casing surface 11 extending about and facing a central axis A, the casing surface having formed therein a plurality of receiving recesses 12', each intended to receive a vane disk 21a of a guide vane 20. A radial cut-out 16 is formed between at least two adjacent receiving recesses 12' in the casing surface 11 and connects the two receiving recesses. A turbomachine includes a plurality of guide vanes 20 as well as an inventive guide vane ring casing 10', each of the receiving recesses 12' in the guide vane ring casing having a guide vane disk 21a of a respective one of the guide vanes placed therein.

IPC 8 full level

F01D 17/16 (2006.01)

CPC (source: EP US)

F01D 9/041 (2013.01 - US); **F01D 9/042** (2013.01 - US); **F01D 17/162** (2013.01 - EP US); **F05D 2240/128** (2013.01 - US)

Cited by

US2017226887A1; EP3536913A1; US10450888B2; US11098603B2

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)

EP 3176385 A1 20170607; **EP 3176385 B1 20220126**; US 2017159467 A1 20170608

DOCDB simple family (application)

EP 15198097 A 20151204; US 201615367930 A 20161202