

Title (en)  
POSITIONING ELEMENT WITH RECESSES FOR A GUIDE VANE ASSEMBLY

Title (de)  
POSITIONIERUNGSELEMENT MIT AUSSPARUNGEN FÜR EINE LEITSCHAUFELANORDNUNG

Title (fr)  
ÉLÉMENT DE POSITIONNEMENT POURVU DES ÉVIDEMENTS POUR UN SYSTÈME D'AUBE DE GUIDAGE

Publication  
**EP 3287604 B1 20200708 (DE)**

Application  
**EP 17184378 A 20170802**

Priority  
DE 102016215784 A 20160823

Abstract (en)  
[origin: US2018058263A1] The invention relates to a positioning element for a guide vane arrangement of a guide vane stage of a gas turbine, with at least one base section curved in the peripheral direction; a plurality of uptake openings arranged next to each other in the peripheral direction on the base section, whose aperture axis runs substantially in the radial direction and which are designed to take up a respective radially inner guide vane section; a coupling section provided on the base section, which is or can be coupled to a seal carrier of a seal arrangement. According to the invention, it is proposed that at least one recess is provided in the base section, which is arranged between two neighboring uptake openings and runs from inside to outside at least in the radial direction.

IPC 8 full level  
**F01D 9/04** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)  
**F01D 5/303** (2013.01 - US); **F01D 9/041** (2013.01 - EP US); **F01D 9/042** (2013.01 - US); **F01D 25/246** (2013.01 - EP US); **F05D 2230/644** (2013.01 - US); **F05D 2240/14** (2013.01 - US); **F05D 2250/141** (2013.01 - US); **F05D 2260/941** (2013.01 - EP US)

Cited by  
EP3536913A1; 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 3287604 A2 20180228**; **EP 3287604 A3 20180516**; **EP 3287604 B1 20200708**; DE 102016215784 A1 20180301; US 11156127 B2 20211026; US 2018058263 A1 20180301

DOCDB simple family (application)  
**EP 17184378 A 20170802**; DE 102016215784 A 20160823; US 201715682246 A 20170821