

Title (en)
GAS TURBINE COMPONENT

Title (de)
GASTURBINENBAUTEIL

Title (fr)
COMPOSANT DE TURBINE À GAZ

Publication
EP 3885536 B1 20240605 (DE)

Application
EP 21164230 A 20210323

Priority
DE 102020203840 A 20200325

Abstract (en)
[origin: US2021301681A1] A gas turbine component, in particular a stator vane cluster (10), having at least one radial flange (12, 13) with a radial slot (20) for spoke-type centering of a gas turbine element, in particular an inner ring (100), the radial slot (20) having a first slot flank (21), a slot base (23) adjoining the same, and a second slot flank (22) adjoining the same, the slot base (23) being asymmetric with respect to a mid-plane (M) which extends radially and perpendicularly to the circumferential direction and centrally between the two slot flanks (21, 22).

IPC 8 full level
F01D 9/04 (2006.01); **F01D 11/00** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)
F01D 9/04 (2013.01 - EP US); **F01D 9/041** (2013.01 - EP); **F01D 11/001** (2013.01 - EP); **F01D 25/246** (2013.01 - EP US); **F05D 2220/32** (2013.01 - EP); **F05D 2220/323** (2013.01 - EP US); **F05D 2230/64** (2013.01 - EP); **F05D 2230/642** (2013.01 - EP US); **F05D 2240/12** (2013.01 - US); **F05D 2260/30** (2013.01 - 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)
EP 3885536 A1 20210929; EP 3885536 B1 20240605; DE 102020203840 A1 20210930; US 11585242 B2 20230221; US 2021301681 A1 20210930

DOCDB simple family (application)
EP 21164230 A 20210323; DE 102020203840 A 20200325; US 202117207782 A 20210322