

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)

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EP 3885536 A1 20210929; **EP 3885536 B1 20240605**; DE 102020203840 A1 20210930; US 11585242 B2 20230221; US 2021301681 A1 20210930

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