

Title (en)
Vane ring assembly for gas turbines

Title (de)
Gebauter Leitkranz für eine Gasturbine

Title (fr)
Anneau de guidage composé pour turbines à gaz

Publication
EP 1081336 A3 20031001 (DE)

Application
EP 00115821 A 20000722

Priority
DE 19941133 A 19990830

Abstract (en)
[origin: DE19941133C1] The blade crown ring has a carrier band (1) provided with openings (4) for reception of respective blades (2), each provided with a blade surface (8) having platform (5) fitted through the carrier band opening at one end. The curved transition region (9)) between the platform and the blade surface of each blade reduces from the centre of the blade in the direction of each blade edge, so that no platform is provided at the latter edges.

IPC 1-7
F01D 9/04

IPC 8 full level
F01D 9/04 (2006.01)

CPC (source: EP US)
F01D 9/044 (2013.01 - EP US)

Citation (search report)

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- [A] FR 1389254 A 19650212 - ROLLS ROYCE
- [A] FR 1095927 A 19550607 - BRISTOL AEROPLANE CO LTD
- [A] US 5765993 A 19980616 - WEISS CARL [US]
- [AD] EP 0704602 A2 19960403 - GEC ALSTHOM LTD [GB]
- [A] US 2681788 A 19540622 - WOSIKA LEON R
- [A] US 5474419 A 19951212 - RELUZCO GEORGE [US], et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19941133 C1 20001228; DE 50009400 D1 20050310; EP 1081336 A2 20010307; EP 1081336 A3 20031001; EP 1081336 B1 20050202; US 6543998 B1 20030408

DOCDB simple family (application)
DE 19941133 A 19990830; DE 50009400 T 20000722; EP 00115821 A 20000722; US 64548300 A 20000825