

Title (en)

Rotor shroud with blocking stream production

Title (de)

Schaufeldeckband mit Sperrstrahlerzeugung

Title (fr)

Bande de recouvrement dotée d'une production de rayons de blocage

Publication

EP 2025946 A3 20130731 (DE)

Application

EP 08014018 A 20080805

Priority

DE 102007037855 A 20070810

Abstract (en)

[origin: EP2025946A2] The flow machine has a main flow path with a row of blades (1) in it and a cover band (2) in a recess (3). The band group includes at least one interior chamber (7) which can be supplied with fluid , and is connected via an outlet (8) at one side of it to the main flow path round the blades, or to the cavity (9) round the cover band.

IPC 8 full level

F04D 29/16 (2006.01); **F01D 9/06** (2006.01); **F01D 11/00** (2006.01); **F01D 11/04** (2006.01)

CPC (source: EP US)

F01D 9/065 (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US); **F01D 11/04** (2013.01 - EP US); **F04D 27/0238** (2013.01 - EP US); **F04D 29/164** (2013.01 - EP US)

Citation (search report)

- [X] DE 10214624 C1 20030327 - MAN TURBOMASCH AG GHH BORSIG [DE]
- [XA] EP 1384855 A2 20040128 - MITSUBISHI HEAVY IND LTD [JP]
- [I] DE 19601818 A1 19960829 - BMW ROLLS ROYCE GMBH [DE]
- [XA] DE 69817303 T2 20040624 - SNECMA MOTEURS PARIS [FR]
- [A] EP 1609999 A2 20051228 - ROLLS ROYCE DEUTSCHLAND [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2025946 A2 20090218; **EP 2025946 A3 20130731**; **EP 2025946 B1 20140618**; DE 102007037855 A1 20090212;
US 2009047120 A1 20090219; US 8403630 B2 20130326

DOCDB simple family (application)

EP 08014018 A 20080805; DE 102007037855 A 20070810; US 22252908 A 20080811