

Title (en)

Turbine nozzle guide vane and corresponding method of forming

Title (de)

Gasturbinenleitschaufel und entsprechendes Bildungsverfahren

Title (fr)

Aube de guidage de turbine et procédé de formation correspondant

Publication

EP 1541809 A2 20050615 (EN)

Application

EP 04257043 A 20041112

Priority

GB 0328952 A 20031212

Abstract (en)

A turbine nozzle guide vane 10 with passages 28 leading from a hollow core 32 to respective seal strip slots 20, to deliver cooling air to abutment faces 18 on each end of the vane 10.

IPC 1-7

F01D 25/12; **F01D 5/18**

IPC 8 full level

F01D 25/12 (2006.01); **F01D 5/18** (2006.01); **F01D 9/04** (2006.01); **F01D 11/00** (2006.01); **F04D 29/04** (2006.01)

CPC (source: EP US)

F01D 9/041 (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F05D 2240/81** (2013.01 - EP US)

Cited by

EP1760268A3; EP1764171A1; EP2615254A3; EP3034808A3; US10329934B2

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL HR LT LV MK YU

DOCDB simple family (publication)

EP 1541809 A2 20050615; **EP 1541809 A3 20121017**; **EP 1541809 B1 20150304**; GB 0328952 D0 20040114; US 2005220619 A1 20051006

DOCDB simple family (application)

EP 04257043 A 20041112; GB 0328952 A 20031212; US 112504 A 20041202