

Title (en)
Cooled vane of a gas turbine

Title (de)
Gekühlte Schaufel einer Gasturbine

Title (fr)
Aube refroidie de moteur à turbine à gaz

Publication
EP 1508670 B1 20171213 (FR)

Application
EP 04300530 A 20040811

Priority
FR 0309869 A 20030812

Abstract (en)
[origin: EP1508670A2] The vane has a longitudinal sleeve (14) inserted in a central cavity (16) and fixed at wall of exterior opening (19) by welding or brazing. The sleeve is folded in zone of its end portion (21) guided by a guide (20), in a manner to form a throat (22) for passage of air flow that is guided in its cavity. Dimension of the throat is smaller than that of the guide.

IPC 8 full level
F01D 5/18 (2006.01); **F01D 9/02** (2006.01); **F02C 7/18** (2006.01)

CPC (source: EP US)
F01D 5/188 (2013.01 - EP US); **F05D 2250/141** (2013.01 - EP US); **F05D 2250/232** (2013.01 - EP US); **F05D 2250/292** (2013.01 - EP US); **F05D 2250/323** (2013.01 - EP US); **F05D 2250/70** (2013.01 - EP US); **F05D 2250/71** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US)

Cited by
FR2943380A1; EP2050930A1; WO2020188212A1; FR3094034A1; US11434769B2

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 1508670 A2 20050223; EP 1508670 A3 20050309; EP 1508670 B1 20171213; CA 2478954 A1 20050212; CA 2478954 C 20120501; FR 2858829 A1 20050218; FR 2858829 B1 20080314; JP 2005061412 A 20050310; JP 4234650 B2 20090304; RU 2004124543 A 20060127; RU 2351768 C2 20090410; UA 84395 C2 20081027; US 2005089395 A1 20050428; US 7204675 B2 20070417

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EP 04300530 A 20040811; CA 2478954 A 20040812; FR 0309869 A 20030812; JP 2004234330 A 20040811; RU 2004124543 A 20040811; UA 20040806736 A 20040811; US 91643504 A 20040812