

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)  
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