

Title (en)

Gas turbine blade and gas turbine

Title (de)

Gasturbinenschaufel und Gasturbine

Title (fr)

Aube de turbine à gaz et turbine à gaz

Publication

EP 1219787 B1 20051221 (DE)

Application

EP 00128576 A 20001227

Priority

EP 00128576 A 20001227

Abstract (en)

[origin: EP1219787A1] A gas turbine blade (11a, 11b, 13a, 13b) has a ceramic cover (27a, 27b) on a metal platform (23a, 23b), mechanically fixed to it so that the metal platform is protected against the hot gas (17) flowing through the hot gas channel (9) of the gas turbine. The ceramic cover may be made in two halves.

IPC 1-7

F01D 11/00; **F01D 25/14**

IPC 8 full level

F01D 9/02 (2006.01); **F01D 11/00** (2006.01); **F01D 25/14** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)

F01D 5/225 (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F01D 25/145** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F05D 2240/80** (2013.01 - EP US); **F05D 2260/221** (2013.01 - EP US); **F05D 2300/21** (2013.01 - EP US); **F05D 2300/502** (2013.01 - EP US); **F05D 2300/601** (2013.01 - EP US)

Cited by

EP2108785A3; CN107075952A; EP3147459A3; CN106870017A; US10161266B2; EP2108785A2; WO2010149528A1; EP2282014A1

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DE FR GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

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