

Title (en)

TURBINE VANE WITH A THROTTLING ELEMENT

Title (de)

TURBINENLEITSCHAUFEL MIT EINEM DROSSELELEMENT

Title (fr)

AUBE DIRECTRICE DE TURBINE DOTÉE D'UN ÉLÉMENT D'ÉTRANGLEMENT

Publication

**EP 2788583 A1 20141015 (DE)**

Application

**EP 12808764 A 20121212**

Priority

- EP 12155394 A 20120214
- EP 2012075256 W 20121212
- EP 12808764 A 20121212

Abstract (en)

[origin: EP2628900A1] The turbine guide vane (10) has an aerodynamically bent vane airfoil (14) which has a channel system (28) equipped with a throttle element (32) for the removal of coolant. The channel system has channel sections (26) for the guidance of coolant. A partial coolant flow flowing in the interior and a partial coolant flow guided out of the turbine guide vane are adjustable.

IPC 8 full level

**F01D 5/18** (2006.01); **F01D 9/02** (2006.01)

CPC (source: EP RU US)

**F01D 5/187** (2013.01 - EP US); **F01D 5/188** (2013.01 - US); **F01D 9/02** (2013.01 - EP US); **F01D 5/18** (2013.01 - RU); **F05D 2250/185** (2013.01 - EP US); **F05D 2260/221** (2013.01 - US)

Citation (search report)

See references of WO 2013120560A1

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DOCDB simple family (publication)

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