

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 B1 20160302 (DE)**

Application  
**EP 12808764 A 20121212**

Priority  
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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)  
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**EP 2628900 A1 20130821**; CN 104126054 A 20141029; CN 104126054 B 20160203; EP 2788583 A1 20141015; EP 2788583 B1 20160302; IN 5979DEN2014 A 20150626; JP 2015507129 A 20150305; JP 6005764 B2 20161012; RU 2014136803 A 20160410; RU 2615091 C2 20170403; US 2014377058 A1 20141225; US 9856738 B2 20180102; WO 2013120560 A1 20130822

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