

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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• EP 2012075256 W 20121212
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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)
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)

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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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