

Title (en)

Coolable airfoil

Title (de)

Kühlbare Schaufel

Title (fr)

Aube refroidie

Publication

EP 1584789 B1 20070606 (DE)

Application

EP 04008601 A 20040408

Priority

EP 04008601 A 20040408

Abstract (en)

[origin: EP1584789A1] The blade (1) has at least one cooling channel (2), through which coolant flow is into a surrounding cavity. The cooling channel is made so that the amount of coolant flowing through it can be controlled, depending on the temperature. The channel has at least one throttle point (6) which is variable, depending on the temperature.

IPC 8 full level

F01D 5/18 (2006.01)

CPC (source: EP)

F01D 5/187 (2013.01); **F05D 2300/50212** (2013.01); **F05D 2300/505** (2013.01)

Cited by

EP3147455A1; JP2014114811A; FR2916475A1; EP3190263A1; EP3000973A1; EP3608507A1; WO2008141410A1; US10113441B2; US9845731B2; WO2015112268A3; WO2014143236A1; US10273809B2; US10844730B2

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