

Title (en)

BLADE FOR GAS TURBINE, CORRESPONDING ROTOR, GAS TURBINE AND ENGINE

Title (de)

LAUFSCHAUFEL FÜR EINE GASTURBINE, ZUGEHÖRIGER ROTOR, GASTURBINE UND KRAFTWERKSANLAGE

Title (fr)

AUBE ROTORIQUE DE TURBINE À GAZ, ROTOR, TURBINE À GAZ ET MOTEUR ASSOCIÉS

Publication

**EP 3088673 B1 20171101 (DE)**

Application

**EP 15165406 A 20150428**

Priority

EP 15165406 A 20150428

Abstract (en)

[origin: US2016319675A1] A rotor blade for a gas turbine has a pressure-side wall and a suction-side wall, a tip cap, a cavity which is formed by the inner surface of the pressure-side wall, the suction-side wall and the tip cap, and a squealer which extends radially from the pressure-side and suction-side walls, a half-space formed by the outer surface of the tip cap and the squealer, and a cooling channel which leads from the cavity to the outside of the squealer. The tip cap has a recess which extends from the half-space into the tip cap such that the recess divides the cooling channel into a first part that communicates with the cavity and a second part that communicates with the outside space.

IPC 8 full level

**F01D 5/20** (2006.01)

CPC (source: CN EP US)

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