

Title (en)

Device and method to cool a platform of a turbine blade

Title (de)

Vorrichtung und Verfahren zur Kühlung einer Plattform einer Turbinenschaufel

Title (fr)

Dispositif et méthode de refroidissement d'une plate-forme d'une aube de turbine

Publication

EP 1219781 B1 20070502 (DE)

Application

EP 01128807 A 20011204

Priority

DE 10064265 A 20001222

Abstract (en)

[origin: EP1219781A2] A cooling device is for a blade with a platform (3) through which at least one cooling channel (7) passes radially. This channel is connected via an outlet aperture to an outlet channel coming out of the platform. The outlet channel, as it comes up to the outlet aperture, runs in a longitudinal direction, which in projection runs along co-parallel to the flow direction.

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN101482032A; EP2607629A1; EP1630354A3; EP3163025A1; CN106968718A; US9856747B2; EP1630354A2; WO2012007250A1; US10508554B2; US11078797B2

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