

Title (en)

Turbine blade for a turbine with a cooling channel

Title (de)

Turbinenschaufel für eine Turbine mit einem Kühlmittelkanal

Title (fr)

Aube de turbine pour une turbine avec un canal de refroidissement

Publication

EP 1914036 B1 20100303 (DE)

Application

EP 06021677 A 20061016

Priority

EP 06021677 A 20061016

Abstract (en)

[origin: EP1914036A1] The blade has a platform (16) for defining a flow channel in a turbine, where the platform has a coolant channel (20), which extends in the platform and guides the coolant. The coolant channel leads to two connection openings of the platform. An auxiliary component (24,26) is fastened at the platform, and has a connecting channel (28), which connects the openings with each other in a fluid-conductive manner. The platform extends transverse to a longitudinal extension of the blade along a main defining surface (30), and has front surfaces, which are arranged transverse to the extension.

IPC 8 full level

B23P 15/04 (2006.01); **F01D 5/14** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP US)

F01D 5/18 (2013.01 - EP US); **F01D 25/12** (2013.01 - EP US); **F05D 2230/10** (2013.01 - EP US); **F05D 2230/21** (2013.01 - EP US); **F05D 2230/232** (2013.01 - EP US); **F05D 2230/238** (2013.01 - EP US); **F05D 2240/81** (2013.01 - EP US); **F05D 2260/36** (2013.01 - EP US)

Cited by

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