

Title (en)  
TURBINE BLADE

Title (de)  
TURBINENSCHAUFEL

Title (fr)  
AUBE DE TURBINE

Publication  
**EP 2438273 A1 20120411 (EN)**

Application  
**EP 10724483 A 20100603**

Priority  
• EP 2010057792 W 20100603  
• IT MI20090977 A 20090604

Abstract (en)  
[origin: WO2010139766A1] A turbine blade extends along a longitudinal axis (A) and is provided with: an anchoring portion (4) provided with a base face (11); a platform (5) integrally coupled to the anchoring portion (4); a main elongated body (6) which extends from the platform (5) on the opposite side with respect to the anchoring portion (4); a cooling circuit (9), which comprises a first cooling line (19) provided with a first inlet opening (23) arranged on the base face (11) of the anchoring portion (4) of the blade (1); and a metering plate (7) coupled to the base face (11) at the first inlet opening (23) and comprising a first portion (26a) and a second portion (26b) couplable to each other and shaped in such a way to define, together, an opening (27) having a variable section.

IPC 8 full level  
**F01D 5/08** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP)  
**F01D 5/081** (2013.01); **F01D 5/18** (2013.01)

Citation (search report)  
See references of WO 2010139766A1

Cited by  
CN106679736A; CN106761949A; CN106523038A; FR3106624A1; CN115298413A; US11773747B2; WO2021148740A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010139766 A1 20101209**; EP 2438273 A1 20120411; EP 2438273 B1 20150805; IT 1394713 B1 20120713; IT MI20090977 A1 20101205; RU 2011154326 A 20130720; RU 2528781 C2 20140920

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