

Title (en)  
MOVING TURBINE BLADE

Title (de)  
TURBINENLAUFSCHAUFEL

Title (fr)  
AUBE DE TURBINE

Publication  
**EP 1257732 B1 20041006 (DE)**

Application  
**EP 01913779 A 20010201**

Priority  
• EP 01913779 A 20010201  
• EP 0101063 W 20010201  
• EP 00104002 A 20000225

Abstract (en)  
[origin: EP1128023A1] The invention relates to a moving turbine blade comprising a blade profile (1) with inner cooling which extends out from a blade platform (2) adjoined by a blade foot (4), said blade foot engaging with a turbine disk (3) and having a radial cross-section with an area (5) whose width (6') increases towards the blade platform (2). The aim of the invention is to configure a moving turbine blade of this type in such a way as to enable the moving blade profile to be lengthened. To this end, the blade foot (4) has a hollowed-out section (7) which opens out in the direction facing away from the platform, which comes to a dead end on the platform side and which has a widened cross section in the area (5) of the blade foot (4) whose width (6') increases.

IPC 1-7  
**F01D 5/18**; **F01D 5/14**

IPC 8 full level  
**F01D 5/14** (2006.01); **F01D 5/18** (2006.01)

CPC (source: EP US)  
**F01D 5/081** (2013.01 - EP US); **F01D 5/147** (2013.01 - EP US); **F01D 5/187** (2013.01 - EP US); **F01D 5/3007** (2013.01 - EP US)

Cited by  
EP2369134A1

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 1128023 A1 20010829**; CN 1313705 C 20070502; CN 1406312 A 20030326; DE 50103981 D1 20041111; EP 1257732 A1 20021120; EP 1257732 B1 20041006; JP 2003524104 A 20030812; JP 4698917 B2 20110608; US 2003021686 A1 20030130; US 6755986 B2 20040629; WO 0163098 A1 20010830

DOCDB simple family (application)  
**EP 00104002 A 20000225**; CN 01805623 A 20010201; DE 50103981 T 20010201; EP 0101063 W 20010201; EP 01913779 A 20010201; JP 2001561893 A 20010201; US 20469302 A 20020823