

Title (en)
TURBINE BLADE AND GAS TURBINE WITH SUCH A TURBINE BLADE

Title (de)
TURBINENSCHAUFEL UND GASTURBINE MIT EINER SOLCHEN TURBINENSCHAUFEL

Title (fr)
AUBE DE TURBINE A GAZ ET TURBINE A GAZ AVEC UNE TELLE AUBE

Publication
EP 1706593 A1 20061004 (DE)

Application
EP 05706868 A 20050112

Priority

- EP 2005000223 W 20050112
- EP 04001107 A 20040120
- EP 05706868 A 20050112

Abstract (en)
[origin: EP1557534A1] The turbine blade (63,65) has a blade element (67,69) arranged along a blade axis (73,75) and a platform region (61) arranged at the foot of the blade and extending transversely with respect to the axis of the blade. The platform is formed by a spring-elastic sheet metal part (77,79) in contact with the blade. An independent claim is also included for a gas turbine with inventive turbine blades.

IPC 8 full level
F01D 5/22 (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)
F01D 5/22 (2013.01 - EP US); **F01D 11/008** (2013.01 - EP US); **F05D 2240/80** (2013.01 - EP US)

Citation (search report)
See references of WO 2005068785A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1557534 A1 20050727; AT E520862 T1 20110915; CN 100400795 C 20080709; CN 1906380 A 20070131; EP 1706593 A1 20061004; EP 1706593 B1 20110817; ES 2370644 T3 20111221; JP 2007518917 A 20070712; JP 4499747 B2 20100707; PL 1706593 T3 20120131; RU 2006129944 A 20080227; RU 2332575 C2 20080827; US 2008232956 A1 20080925; US 2010008773 A1 20100114; US 7607889 B2 20091027; US 7963746 B2 20110621; WO 2005068785 A1 20050728

DOCDB simple family (application)
EP 04001107 A 20040120; AT 05706868 T 20050112; CN 200580001955 A 20050112; EP 05706868 A 20050112; EP 2005000223 W 20050112; ES 05706868 T 20050112; JP 2006548254 A 20050112; PL 05706868 T 20050112; RU 2006129944 A 20050112; US 56336909 A 20090921; US 58646205 A 20050112