

Title (en)
Turbine blade

Title (de)
Turbinenschaufel

Title (fr)
Aube de turbine

Publication
EP 1862640 B1 20100303 (DE)

Application
EP 06011253 A 20060531

Priority
EP 06011253 A 20060531

Abstract (en)
[origin: EP1862640A1] The blade (10) has a fastening and platform section at which a blade leaf with blade units (28, 30) is attached with a blade leaf point (36). The blade units are connected as a suction side leaf wall (18) and as a pressure side leaf wall (20). The blade units are secured in the area of the blade leaf point against formation of a gap between the blade units by a form closure. The form closure is formed by a hooking unit (39), which is hooked between the blade units. The hooking unit has a bracket (40) with two oppositely lying bracket ends (54, 56), which engage hooks (46, 48).

IPC 8 full level
F01D 5/14 (2006.01); **F01D 5/20** (2006.01)

CPC (source: EP US)
F01D 5/147 (2013.01 - EP US); **F01D 5/20** (2013.01 - EP US); **F05D 2230/232** (2013.01 - EP US)

Cited by
EP3023191A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1862640 A1 20071205; EP 1862640 B1 20100303; AT E459783 T1 20100315; CN 101082286 A 20071205; CN 101082286 B 20100623; DE 502006006333 D1 20100415; JP 2008031985 A 20080214; JP 4532523 B2 20100825; RU 2007120199 A 20081210; RU 2372493 C2 20091110; US 2010014980 A1 20100121; US 7832988 B2 20101116

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EP 06011253 A 20060531; AT 06011253 T 20060531; CN 200710108113 A 20070530; DE 502006006333 T 20060531; JP 2007140112 A 20070528; RU 2007120199 A 20070530; US 80738707 A 20070529