

Title (en)

METHOD FOR REPAIRING TURBINE BLADES

Title (de)

VERFAHREN ZUR REPARATUR VON TURBINENLAUFSCHAUFELN

Title (fr)

PROCEDE DE REPARATION D'AUBES MOBILES DE TURBINE

Publication

EP 1838493 A1 20071003 (DE)

Application

EP 06705784 A 20060113

Priority

- DE 2006000045 W 20060113
- DE 102005002609 A 20050120

Abstract (en)

[origin: WO2006076884A1] The invention relates to a method for repairing the turbine blades of a gas turbine comprising the following steps: a) provision of a turbine blade to be repaired; b) removal of a damaged vane section from the turbine blade to form a blade stump; c) production of a substitute section for the damaged and removed vane section of the turbine blade; d) connection of the substitute section to the corresponding blade stump.

IPC 8 full level

B23P 6/00 (2006.01); **F01D 5/00** (2006.01)

CPC (source: EP)

B23P 6/005 (2013.01); **F01D 5/005** (2013.01); **F05D 2230/233** (2013.01); **F05D 2230/234** (2013.01); **F05D 2230/235** (2013.01); **F05D 2230/237** (2013.01); **F05D 2230/238** (2013.01)

Citation (search report)

See references of WO 2006076884A1

Citation (examination)

- US 2001014403 A1 20010816 - BROWN LAWRENCE EVANS [US], et al
- EP 0401187 A2 19901205 - ABB STAL AB [SE]

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)

WO 2006076884 A1 20060727; DE 102005002609 A1 20060803; EP 1838493 A1 20071003

DOCDB simple family (application)

DE 2006000045 W 20060113; DE 102005002609 A 20050120; EP 06705784 A 20060113