

Title (en)

ROTOR BLADE HAVING A COVER PLATE FOR A STEAM TURBINE

Title (de)

LAUFSCHAUFEL MIT DECKPLATTE FÜR EINE DAMPFTURBINE

Title (fr)

AUBE MOBILE À PLAQUE DE RECOUVREMENT POUR TURBINE À VAPEUR

Publication

EP 2609292 A1 20130703 (DE)

Application

EP 11766987 A 20111005

Priority

- EP 10186573 A 20101005
- EP 2011067366 W 20111005
- EP 11766987 A 20111005

Abstract (en)

[origin: EP2439376A1] The rotor blade (1) has a turbine blade (2) with a blade front edge (3), a blade tip (4) and a cover plate (5), where the cover plate has a base plate (7) that is attached to the blade tip of the turbine blade and is arranged parallel to a machine axis (8) of the steam turbine in an installed state. A shield plate (6) is formed upstream of the blade front edge on the base plate.

IPC 8 full level

F01D 5/14 (2006.01); **F01D 5/22** (2006.01)

CPC (source: EP)

F01D 5/143 (2013.01); **F01D 5/225** (2013.01); **F01D 5/288** (2013.01); **F01D 11/08** (2013.01); **F05D 2220/31** (2013.01)

Citation (search report)

See references of WO 2012045765A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2439376 A1 20120411; CN 103154436 A 20130612; CN 103154436 B 20150819; EP 2609292 A1 20130703; WO 2012045765 A1 20120412

DOCDB simple family (application)

EP 10186573 A 20101005; CN 201180048491 A 20111005; EP 11766987 A 20111005; EP 2011067366 W 20111005