

Title (en)
BLADE

Title (de)
SCHAUFELBLATT

Title (fr)
AUBE

Publication
EP 2462320 B1 20161012 (DE)

Application
EP 10754675 A 20100805

Priority
• DE 102009036406 A 20090806
• DE 2010000920 W 20100805

Abstract (en)
[origin: WO2011015193A2] The present invention relates to a blade of a turbomachine, in particular an adjustable guide blade of a gas turbine, comprising at least one thickened area (18) on a pressure side (D) of the blade profile (P), wherein the thickened area (18) is arranged in a radially outer, housing-side area of the blade (10), wherein the thickened area (18) is designed at a distance from a front edge (12) and a rear edge (14) of the blade (10).

IPC 8 full level
F01D 5/14 (2006.01)

CPC (source: EP US)
F01D 5/141 (2013.01 - EP US); **F01D 5/145** (2013.01 - EP US); **F01D 5/20** (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F04D 29/544** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F05D 2250/711** (2013.01 - EP US); **F05D 2250/713** (2013.01 - EP US)

Cited by
US11421702B2

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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009036406 A1 20110210; CN 102472111 A 20120523; CN 102472111 B 20170301; EP 2462320 A2 20120613; EP 2462320 B1 20161012; US 2012128480 A1 20120524; US 9011081 B2 20150421; WO 2011015193 A2 20110210; WO 2011015193 A3 20110915

DOCDB simple family (application)
DE 102009036406 A 20090806; CN 201080034389 A 20100805; DE 2010000920 W 20100805; EP 10754675 A 20100805; US 201013388367 A 20100805