

Title (en)

Turbine blade for a flow engine with profiled trailing edge, blade and integrally bladed rotor

Title (de)

Schaufelblatt für eine Strömungsmaschine mit Hinterkantenprofilierung, Schaufel und integral beschaufelter Rotor

Title (fr)

Pale d'aube pour une turbomachine avec son bord arrière profilé, aube et rotor à aubage intégral

Publication

**EP 2789798 A3 20150121 (DE)**

Application

**EP 14162553 A 20140331**

Priority

DE 102013206207 A 20130409

Abstract (en)

[origin: US2014301860A1] The present invention relates to an airfoil for a fluid flow machine (100), having a suction side (5), a pressure side (7) and an airfoil trailing edge (200). The airfoil (100), at least in portions thereof, has a profile (9) in the region of the airfoil trailing edge (200), which profile extends over the suction side (5) and the pressure side (7) of the airfoil trailing edge (200). The present invention also relates to a blade and an integrally bladed rotor.

IPC 8 full level

**F01D 5/14** (2006.01); **F04D 29/38** (2006.01)

CPC (source: EP US)

**F01D 5/142** (2013.01 - EP US); **F01D 5/145** (2013.01 - US); **F04D 29/324** (2013.01 - EP US); **F04D 29/681** (2013.01 - EP US); **F05D 2240/122** (2013.01 - EP US); **F05D 2240/304** (2013.01 - EP US); **F05D 2250/18** (2013.01 - EP US); **F05D 2260/96** (2013.01 - EP US)

Citation (search report)

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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

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