

Title (en)

VARIABLE SETTING VANE FOR A RECTIFIER STAGE, INCLUDING A NONCIRCULAR INNER PLATFORM

Title (de)

SCHAUFEL MIT VERSTELLBARER EINSTELLUNG FÜR EINE GLEICHRICHTERSTUFE, EINSCHLIESSLICH EINER NICHT KREISFÖRMIGEN INNENPLATTFORM

Title (fr)

AUBE A CALAGE VARIABLE POUR ETAGE DE REDRESSEUR, COMPRENANT UNE PLATEFORME INTERNE NON CIRCULAIRE

Publication

EP 2376790 A1 20111019 (FR)

Application

EP 10700112 A 20100108

Priority

- EP 2010050128 W 20100108
- FR 0950104 A 20090109

Abstract (en)

[origin: WO2010079204A1] The invention relates to a variable setting vane (8) for a rectifier stage, including a blade (43) on either side of which are provided a radially inner platform (13) and a radially outer platform, the blade (43) having a surface (64) defining a suction side and a surface (62) defining a pressure side and separating the platform (13) into a portion (13a) arranged on the suction side and a portion (13b) arranged on the pressure side. According to the invention, and following the direction of the vane rotational axis (20), the portion (13a) has an outer outline (Ca) vertically adjacent to a circle (C1), remote from which and inside which at least a portion (Cb1) of the outer outline (Cb) of the portion (13b) of the platform (13) is located.

IPC 8 full level

F04D 29/56 (2006.01)

CPC (source: EP US)

F01D 17/162 (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F05D 2240/80** (2013.01 - EP US); **Y10T 29/4932** (2015.01 - US)

Citation (search report)

See references of WO 2010079204A1

Designated contracting state (EPC)

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)

WO 2010079204 A1 20100715; CA 2748830 A1 20100715; CA 2748830 C 20160524; CN 102272458 A 20111207; CN 102272458 B 20140409; EP 2376790 A1 20111019; EP 2376790 B1 20180307; FR 2941018 A1 20100716; FR 2941018 B1 20110211; JP 2012514712 A 20120628; JP 5596703 B2 20140924; RU 2011133198 A 20130220; RU 2511811 C2 20140410; US 2011293406 A1 20111201; US 8721269 B2 20140513

DOCDB simple family (application)

EP 2010050128 W 20100108; CA 2748830 A 20100108; CN 201080004346 A 20100108; EP 10700112 A 20100108; FR 0950104 A 20090109; JP 2011544866 A 20100108; RU 2011133198 A 20100108; US 201013143652 A 20100108