

Title (en)

COMPRESSOR BLADE FOR AN AXIAL COMPRESSOR

Title (de)

VERDICHTERLAUFSCHAUFEL FÜR EINEN AXIALVERDICHTER

Title (fr)

AUBE MOBILE DE COMPRESSEUR POUR UN COMPRESSEUR AXIAL

Publication

EP 2473743 A1 20120711 (DE)

Application

EP 10743094 A 20100810

Priority

- EP 09011392 A 20090904
- EP 2010061580 W 20100810
- EP 10743094 A 20100810

Abstract (en)

[origin: EP2299124A1] The vane has a vane blade with a suction side wall, which is extended towards a vane blade tip by forming span width by an attached vane blade end. The blade comprises a profile (28) and a blade tip side profile (30) with a suction side contour (42) and a pressure side contour (40), and a partially curved skeleton line (32), and a linear chord (34) for vane blade height. The contours, the skeleton line and the chord are extended from a front edge point (24) to a rear edge point. The skeleton line of the blade tip side profile comprises two inflection points (36, 38).

IPC 8 full level

F04D 29/32 (2006.01); **F01D 5/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2011026714A1

Cited by

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DOCDB simple family (publication)

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