

Title (en)

BLADE OR VANE FOR A COMPRESSOR AND COMPRESSOR COMPRISING SAID BLADE OR VANE

Title (de)

LAUF- ODER LEITSCHAUFEL FÜR EINEN VERDICHTER UND VERDICHTER MIT EINER SOLCHEN SCHAUFEL

Title (fr)

AUBE ROTORIQUE OU STATORIQUE POUR COMPRESSEUR ET COMPRESSEUR AVEC UNE TELLE AUBE

Publication

EP 3351726 A1 20180725 (EN)

Application

EP 18152639 A 20180119

Priority

IT 201700005808 A 20170119

Abstract (en)

A blade or vane for a compressor comprises a main body (15; 25) provided with a base face (16; 26), with a top face (17; 27), opposite with respect to the base face (16; 26), and with an outer face (18; 28), which extends between the base face (16; 26) and the top face (17; 27) and defines the airfoil profile of the blade or vane (7; 10; 70; 700); the main body (15; 25) being shaped so as to define along the outer face (18; 28) a leading edge (30), a trailing edge (31), a pressure side (32) and a suction side (33); and at least one appendix (29; 79; 779) arranged in the proximity of the trailing edge (31).

IPC 8 full level

F01D 5/14 (2006.01); **F01D 9/04** (2006.01); **F04D 29/68** (2006.01)

CPC (source: CN EP)

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F04D 29/544 (2013.01 - CN EP); **F04D 29/681** (2013.01 - EP); **F05D 2240/122** (2013.01 - EP); **F05D 2240/304** (2013.01 - EP);
F05D 2270/101 (2013.01 - EP)

Citation (search report)

- [XY] EP 1112928 A2 20010704 - DLR EV [DE]
- [Y] EP 0615903 A1 19940921 - WESTLAND HELICOPTERS [GB]
- [X] EP 0833060 A2 19980401 - TOSHIBA KK [JP]
- [X] US 2016348694 A1 20161201 - MACCHIA ENZO [CA], et al
- [X] EP 2336492 A1 20110622 - SIEMENS AG [DE]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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