

Title (en)

Vane for a vane cell device and vane cell device

Title (de)

Flügel für eine Flügelzellenvorrichtung sowie Flügelzellenvorrichtung

Title (fr)

Aile pour un dispositif à palettes et dispositif à palettes

Publication

EP 2762674 A3 20161116 (DE)

Application

EP 14152663 A 20140127

Priority

DE 202013000976 U 20130201

Abstract (en)

[origin: EP2762674A2] The wing has a stator that is rotatably arranged with a rotor (10) having several guide grooves (16). The wing unit is provided with a high pressure side and a low pressure side. A side wall (30) is formed on the high-pressure side and a side wall (34) is formed on the low pressure side. The fins (28) are connected to each other by several lateral boundaries of the fluid channels (26). The side wall (22,34) are arranged offset in the direction of movement of the wing unit, so that the high-pressure side and the low pressure side are partially covered by the side walls (30,34). An independent claim is included for wing cell device.

IPC 8 full level

F01C 1/344 (2006.01); **F04C 2/344** (2006.01); **F04C 18/344** (2006.01)

CPC (source: EP US)

F01C 1/3441 (2013.01 - US); **F01C 1/3446** (2013.01 - EP US); **F01C 21/0809** (2013.01 - US); **F04C 2/3446** (2013.01 - EP US); **F04C 18/3446** (2013.01 - EP US)

Citation (search report)

- [Y] DE 2311168 A1 19740919 - HAAR MASCHBAU ALFONS
- [Y] CH 294120 A 19531031 - SALMINEN PAAVO VIKTOR LUDVIG [FI]
- [A] DE 1503595 A1 19690717 - PAMING TRUST REG
- [A] DE 1503330 A1 19690814 - HANSON ELLIOT FREDOLPH
- [A] US 2006039816 A1 20060223 - CYGNOR JOHN E [US]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202013000976 U1 20140508; EP 2762674 A2 20140806; EP 2762674 A3 20161116; US 2014219853 A1 20140807; US 9650894 B2 20170516

DOCDB simple family (application)

DE 202013000976 U 20130201; EP 14152663 A 20140127; US 201414168641 A 20140130