

Title (en)

VENTILATION DEVICE FOR GENERATING UNIFORM FLUID FLOWS, AND A DRIVE UNIT FOR A DEVICE OF SAID TYPE

Title (de)

VENTILATIONSVORRICHTUNG ZUR ERZEUGUNG GLEICHMÄSSIGER FLUIDSTRÖMUNGEN SOWIE EINE ANTRIEBSEINHEIT FÜR EINE SOLCHE VORRICHTUNG

Title (fr)

DISPOSITIF DE VENTILATION PERMETTANT DE PRODUIRE DES ÉCOULEMENTS FLUIDIQUES UNIFORMES ET UNITÉ D'ENTRAÎNEMENT DUDIT DISPOSITIF

Publication

**EP 2655892 A1 20131030 (DE)**

Application

**EP 11808620 A 20111216**

Priority

- CH 21382010 A 20101221
- CH 1942011 A 20110201
- CH 14302011 A 20110901
- EP 2011073073 W 20111216

Abstract (en)

[origin: WO2012084717A1] A device (60) according to the invention for generating a directed fluid flow comprises a support structure (1); a rotary structure (5) mounted so as to be rotatable relative to the support structure about a first axis of rotation (10); and at least one active element (61, 61') which is mounted on the rotary structure (5) so as to be rotatable about a second axis of rotation (9, 9') and which has an active surface (67). The at least one active element is operatively connected to the rotary structure and to the support structure such that, when the rotary structure rotates relative to the support structure by one revolution about the first axis of rotation in a first direction of rotation, the at least one active element rotates relative to the rotary structure by half of one revolution about the second axis of rotation in the opposite direction of rotation.

IPC 8 full level

**F04D 33/00** (2006.01)

CPC (source: EP US)

**F01D 5/00** (2013.01 - US); **F04D 33/00** (2013.01 - EP US)

Citation (search report)

See references of WO 2012084717A1

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

DOCDB simple family (publication)

**WO 2012084717 A1 20120628**; EP 2655892 A1 20131030; US 2013280069 A1 20131024

DOCDB simple family (application)

**EP 2011073073 W 20111216**; EP 11808620 A 20111216; US 201113996332 A 20111216