

Title (en)

CENTRIFUGAL FAN WITH AN ANTI-VORTEX FIN FOR REDUCING VIBRATIONS AND NOISE LEVELS

Title (de)

ZENTRIFUGALGEBLÄSE MIT EINER WIRBELSCHUTZRIPPPE ZUR REDUZIERUNG VON VIBRATIONEN UND RAUSCHPEGELN

Title (fr)

VENTILATEUR CENTRIFUGE À AILETTE ANTI-TOURBILLONNEMENT POUR RÉDUIRE DES VIBRATIONS ET DES NIVEAUX DE BRUIT

Publication

**EP 2742244 A2 20140618 (EN)**

Application

**EP 12769490 A 20120810**

Priority

- IT FI20110177 A 20110811
- IB 2012054087 W 20120810

Abstract (en)

[origin: WO2013021366A2] A double inlet centrifugal fan (1), in particular for the evacuation of combustion fumes in thermal power plants, producing less mechanical vibrations and lower noise levels, thanks to the presence of an anti-vortex fin (14) at the fan outlet section (4) extending on a lying plane parallel to the fluid flow direction (F).

IPC 8 full level

**F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)

**F04D 29/444** (2013.01); **F04D 29/462** (2013.01); **F04D 29/667** (2013.01); **F05D 2250/52** (2013.01)

Citation (search report)

See references of WO 2013021366A2

Citation (examination)

- JP S5749100 A 19820320 - TOKYO SHIBAURA ELECTRIC CO
- JP 2002005091 A 20020109 - DAIKIN IND LTD

Designated contracting state (EPC)

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DOCDB simple family (publication)

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