

Title (en)

Radial fan casing with pressure tapping duct integrated in the fan inlet

Title (de)

Gehäuse eines Radiallüfters mit im Lüftereinlass integriertem Druckmesskanal

Title (fr)

Carter de ventilateur radial avec canal de mesure de pression intégré à la bouche d'aspiration

Publication

**EP 2700822 B1 20160928 (DE)**

Application

**EP 12181662 A 20120824**

Priority

EP 12181662 A 20120824

Abstract (en)

[origin: EP2700822A1] The fan has a housing portion (2) provided with an air inlet and an air outlet. A ventilator is arranged between the air inlet and the air outlet. Several apertures (10) extending into a flow channel for pressure measurement are formed in a specific region of the air inlet. Two wall elements (9) of the air inlet are interconnected at connection regions (7) for enclosing a channel volume portion (8). A portion of the connecting region is provided with apertures. An independent claim is included for a method for manufacturing fan.

IPC 8 full level

**F04D 27/00** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP)

**F04D 27/001** (2013.01); **F04D 29/4213** (2013.01); **F04D 29/4226** (2013.01); **F05D 2270/301** (2013.01)

Citation (examination)

EP 0819855 A1 19980121 - ALSTHOM CGE ALCATEL [FR]

Cited by

EP3048430A1; EP3504441B1

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)

**EP 2700822 A1 20140226**; **EP 2700822 B1 20160928**; EA 039725 B1 20220304; EA 201590435 A1 20150831; PL 2700822 T3 20170630; WO 2014030055 A1 20140227

DOCDB simple family (application)

**EP 12181662 A 20120824**; EA 201590435 A 20130826; IB 2013001841 W 20130826; PL 12181662 T 20120824