

Title (en)
Air duct device

Title (de)
Luftkanaleinrichtung

Title (fr)
Dispositif de gaine d'air

Publication
EP 2759711 A3 20180314 (DE)

Application
EP 14152838 A 20140128

Priority
DE 102013100800 A 20130128

Abstract (en)
[origin: EP2759711A2] The apparatus has an air duct element (12) comprising a housing (13) in which a device (17) e.g. ventilator (20), is arranged, where gaseous medium flows through the device. An intake nozzle (18) is aligned at a front end (14) of the housing. A discharge nozzle is aligned at another front end (15) of the housing. A front wall (21) comprises an inlet opening (22), and another front wall comprises an outlet opening attached to the discharge nozzle. The inlet and outlet openings form a flow channel with a housing section, where the channel is enclosed by the housing. The ventilator is designed as a diagonal ventilator, radial ventilator or axial ventilator. The housing section is made from plastic, metal sheet or composite material.

IPC 8 full level
F04D 25/06 (2006.01); **F04D 17/16** (2006.01); **F04D 25/08** (2006.01); **F04D 29/42** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 17/165 (2013.01); **F04D 25/06** (2013.01); **F04D 25/08** (2013.01); **F04D 29/4253** (2013.01); **F04D 29/663** (2013.01)

Citation (search report)

- [X] US 2805615 A 19570910 - EMIL RUDY
- [X] DE 29717098 U1 19971113 - HUNG FRED [TW]
- [A] US 2467296 A 19490412 - DOE HANS H

Cited by
EP4174323A1; CN110821887A; US11668314B2; US11971047B2; WO2022103868A1

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)
EP 2759711 A2 20140730; EP 2759711 A3 20180314; DE 102013100800 A1 20140731

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