

Title (en)
Radial ventilator housing

Title (de)
Radiallüftergehäuse

Title (fr)
Boîtier de ventilateur radial

Publication
EP 2333348 B1 20180221 (DE)

Application
EP 10192128 A 20101122

Priority
DE 102009054188 A 20091123

Abstract (en)
[origin: EP2333348A2] The device (2) has a radial fan retaining chamber (4) forming a housing tongue (13) by an air evacuation opening (11), and an air guide device (17) e.g. ten-air guide devices, arranged in the radial fan retaining chamber. The air guide device is arranged directly behind to the housing tongue in an air flow direction (L) and fixed between a motor side and a frame side. The air guide device is formed as partial thin-walled and made of plastic material and includes rectangle, triangle, quadrangular, trapezoidal, curve and/or wave shaped in the air flow direction.

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/44** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 29/4226 (2013.01); **F04D 29/441** (2013.01); **F04D 29/663** (2013.01)

Cited by
CN108799201A; CN104373385A; EP2388159A3; CN103994102A; CN105697396A; EP3906774A1; DE102020200447A1; CN114981544A; US11859640B2

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 2333348 A2 20110615; EP 2333348 A3 20130130; EP 2333348 B1 20180221; DE 102009054188 A1 20110526

DOCDB simple family (application)
EP 10192128 A 20101122; DE 102009054188 A 20091123