

Title (en)

Ventilator shroud for a heat exchanger and assembly of an axial ventilator in a ventilator shroud

Title (de)

Lüfterzarge für einen Wärmeübertrager und Anordnung eines Axiallüfters in einer Lüfterzarge

Title (fr)

Châssis de ventilateur pour transmetteur thermique et dispositif d'un ventilateur axial dans un châssis de ventilateur

Publication

EP 1830072 B1 20170906 (DE)

Application

EP 07003522 A 20070221

Priority

DE 102006009845 A 20060301

Abstract (en)

[origin: EP1830072A2] The frame has a frame ring (1c) for receiving an axial fan (2). A pre-conductive ring (4) is upstream to the axial fan provided in a flow direction (L). The pre-conductive ring is formed as a ring, and includes ring segments distributed over a circumference. A bar (1d) holds the axial fan, where the pre-conductive ring is fastened at the bar and includes a curved deflection profile. The frame and/or the bar are formed as a plastic molded part. An independent claim is also included for an arrangement of an axial fan in a fan frame.

IPC 8 full level

F04D 29/52 (2006.01)

CPC (source: EP)

F04D 29/544 (2013.01); **F01P 5/06** (2013.01); **F01P 11/10** (2013.01); **F01P 2070/50** (2013.01); **F05D 2250/51** (2013.01)

Citation (examination)

US 2001021345 A1 20010913 - OLTHOF HENRICUS JOHANNES BERNH [NL]

Cited by

WO2011101440A1; US9714666B2; EP2737189B1; WO2012156045A2

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