

Title (en)

Ventilation component comprising a channel-shaped housing with surrounding coverings

Title (de)

Lüftungsbauteil, umfassend ein kanalförmiges Gehäuse mit umlaufend angeordneten Gehäusewandungen

Title (fr)

Composant d'aération comprenant un boîtier en forme de canal doté de parois de boîtier agencées de manière périphérique

Publication

EP 2626644 B1 20181003 (DE)

Application

EP 12159323 A 20120313

Priority

- EP 12154288 A 20120207
- EP 12159323 A 20120313

Abstract (en)

[origin: EP2626644A1] The ventilation device has channel shaped structure provided with circumferentially spaced housing walls (1). The housing is provided with radial fan (2) that is arranged along flow direction (4) upstream of aperture (5). The aperture is provided with opening (6) through which medium is passed to radial fan. The sound insulation and sound damping material is provided in housing walls such that lower acoustic power is circulated through aperture along the flow direction upstream of housing walls by releasing flow channel.

IPC 8 full level

F24F 7/007 (2006.01); **F04D 29/62** (2006.01); **F04D 29/66** (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)

F04D 17/16 (2013.01); **F04D 29/545** (2013.01); **F04D 29/664** (2013.01); **F24F 7/007** (2013.01); **F24F 13/24** (2013.01); **F24F 2013/242** (2013.01)

Citation (examination)

- GB 2362926 A 20011205 - GLADDEN ROBERT ALAN [GB]
- US 6267665 B1 20010731 - AKHTAR SALMAN [CA]

Cited by

US2014038509A1; GB2501867B; EP3536616A1; US11293664B2; CN114086679A; EP4174320A1; US2023132708A1; US11988186B2; EP2642215B1

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