

Title (en)
Ventilation component

Title (de)
Lüftungsbauteil

Title (fr)
Composant d'aération

Publication
EP 2574794 A3 20130605 (DE)

Application
EP 12186254 A 20120927

Priority
• EP 11183516 A 20110930
• EP 12186254 A 20120927

Abstract (en)
[origin: EP2574794A2] The component has a channel-shaped casing (1) for accommodating silencer which is arranged behind the centrifugal fan (2) along air flow direction (4). A slot (3) filled with sound absorption material for noise reduction is provided in the casing, along air flow direction. The slot is formed in a circumferential free space (10) around which the gas is flowed. The number of regions of casing cross-section provided for slots, is corresponded to the number of theoretical cross-sectional areas of casing such that 64-81% of free flow cross-section of the casing is blocked.

IPC 8 full level
F04D 17/16 (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP)
F04D 17/165 (2013.01); **F04D 25/166** (2013.01); **F04D 29/664** (2013.01); **F24F 7/065** (2013.01); **F24F 13/24** (2013.01); **F24F 2013/242** (2013.01)

Citation (search report)
• [I] FR 2226003 A5 19741108 - FREDERIKSEN MOGENS [FR]
• [A] DE 2513946 A1 19761014 - TROX GMBH GEB

Cited by
FR3034504A1; EP3744606A1; FR3096641A1; EP3228873A1; EP3372838A1; FR3013426A1; EP2894414A1

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 2574794 A2 20130403; **EP 2574794 A3 20130605**; **EP 2574794 B1 20180124**; DK 2574794 T3 20180507; ES 2666297 T3 20180503; HU E038879 T2 20181228; NO 2574794 T3 20180623; PL 2574794 T3 20180731; PT 2574794 T 20180424

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