

Publication

EP 0921358 A3 19990623

Application

EP 98850167 A 19981102

Priority

SE 9704006 A 19971103

Abstract (en)

[origin: EP0921358A2] A baffle for sound absorbers intended for rectangular ventilation ducts. The baffle (10) has a rectangular shape when seen sideways on and also when seen in vertical cross-section transversely to the longitudinal direction and includes sound absorbing insulating material (20, 21) supported by a frame structure or casing (14, 15). The baffle is characterised in that it includes at least two juxtaposed, generally parallelepipedic baffle-parts (16) which are mutually spaced at least at one end thereof and which contain sound absorbing insulating material (20) and said insulation-material supporting frame structure or casing (14, 15). There is provided at each outer end of the baffle (10) a respective vertically extending edge-piece (12 and 13) which connect and hold together said baffle-parts (16). At least one edge-piece (12) at the outer end of the baffle (10) which meets the ventilation air has an air-flow deflecting shape. The baffle-parts (16) can be given a predetermined position in relation to one another, by appropriate selection of the edge-pieces (12), so as to form spaces (17) between two mutually adjacent baffle-parts (16). The baffle-parts (16) are conveniently disposed obliquely in relation to one another, so that the baffle (10) will be thickest at that end which is to be positioned to meet the air flow in the ventilation duct. At least one space (17) between the baffle-parts (16) shall be filled with an appropriate material (21). <IMAGE>

IPC 1-7

F24F 13/24

IPC 8 full level

F24F 13/02 (2006.01); **F24F 13/24** (2006.01)

CPC (source: EP)

F24F 13/0263 (2013.01); **F24F 13/24** (2013.01)

Citation (search report)

- [A] DE 3425450 A1 19850404 - ROX LUFTTECHNISCHE GERAETEBAU [DE]
- [A] EP 0511149 A1 19921028 - NOISETEC S A [ES]
- [A] US 3511336 A 19700512 - RINK CHARLES N, et al
- [A] DE 2513946 C2 19811126
- [A] DE 9406628 U1 19940825 - GRUENZWEIG & HARTMANN MONTAGE [DE]
- [A] DE 29618736 U1 19970109 - DB TEC SCHALLSCHUTZ GMBH [DE]
- [A] SE 450656 B 19870713 - BAHCO VENTILATION AB [SE]
- [A] SE 500451 C2 19940627 - PM LUFT [SE]
- [A] WO 9209988 A1 19920611 - SOUND ATTENUATORS LTD [GB]
- [A] DE 3943078 A1 19910704 - WESTAFLEXWERK GMBH & CO KG [DE]
- [E] US 5869792 A 19990209 - ALLEN DONALD L [CA], et al

Cited by

US2017241664A1; US10260772B2; EP3153681A1; WO2009110843A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0921358 A2 19990609; EP 0921358 A3 19990623; NO 308558 B1 20000925; NO 308558 B2 20000925; NO 985118 D0 19981102; NO 985118 L 19990504; SE 511627 C2 19991101; SE 9704006 D0 19971103; SE 9704006 L 19990504

DOCDB simple family (application)

EP 98850167 A 19981102; NO 985118 A 19981102; SE 9704006 A 19971103