

Title (en)

Ventilation device, in particular for mounting in a clean room ceiling

Title (de)

Zuluftgerät, insbesondere zur Aufhängung an Decken von Reinräumen

Title (fr)

Dispositif de ventilation, en particulier pour encastrer dans le plafond d'une salle blanche

Publication

EP 0859202 A3 20010905 (DE)

Application

EP 98102172 A 19980207

Priority

DE 19706144 A 19970218

Abstract (en)

[origin: DE19706144C1] A clean room air circulator assembly suspended from the ceiling has a housing (10) wall (13) with a ventilator inlet (16) and a filter (19) discharging air to the room. The novelty is that: (a) the housing wall (13) is formed of a number of bow-shaped parts bending towards the outlet side; and (b) the two rims of the housing wall (13) are fold-joined (14, 15) to parallel side-walls (11, 12); (c) those sections of the rims (13) and side-walls which are not fold-joined (14, 15) form the limits of the blower outlets.

IPC 1-7

F24F 3/16; **F24F 13/28**; **F24F 13/24**

IPC 8 full level

F24F 7/06 (2006.01); **F24F 3/16** (2006.01); **F24F 7/10** (2006.01); **F24F 13/06** (2006.01); **F24F 13/24** (2006.01); **F24F 13/28** (2006.01)

CPC (source: EP US)

F24F 3/167 (2021.01 - EP US); **F24F 13/24** (2013.01 - EP US); **F24F 13/28** (2013.01 - EP US); **F24F 2221/14** (2013.01 - EP US)

Citation (search report)

- [A] US 5496389 A 19960305 - WILCOX WAYNE [CA]
- [A] US 4560395 A 19851224 - DAVIS GEORGE B [US]
- [A] US 4178159 A 19791211 - FECTEAU RONALD D [US]

Cited by

CN109140617A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 19706144 C1 19980409; EP 0859202 A2 19980819; EP 0859202 A3 20010905; JP H10253138 A 19980925; SG 65730 A1 19990622; US 5961702 A 19991005

DOCDB simple family (application)

DE 19706144 A 19970218; EP 98102172 A 19980207; JP 3479498 A 19980217; SG 1998000214 A 19980127; US 2442098 A 19980217