

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