

Title (en)

Ventilation unit for a filter and ventilation system, in particular for clean rooms

Title (de)

Lüftereinheit für Filter-Ventilationseinheiten, insbesondere in Reinraumsystemen

Title (fr)

Unité de ventilation pour un système de filtration et ventilation, en particulier dans une salle blanche

Publication

EP 1048904 A3 20050914 (DE)

Application

EP 00109032 A 20000427

Priority

DE 19919796 A 19990430

Abstract (en)

[origin: EP1048904A2] The electric fan has a fan wheel (4) and a drive motor (18-25) supported by a fan housing (1), the fan wheel mounted on a central rotary shaft (7), the cooperating drive components of the motor attached to the fan housing and to the outer periphery of the fan wheel, e.g. via an axially offset outer ring (16).

IPC 1-7

F24F 3/16

IPC 8 full level

F04D 25/06 (2006.01); **F04D 29/42** (2006.01); **F24F 3/16** (2006.01); **F24F 7/007** (2006.01)

CPC (source: EP)

F04D 25/066 (2013.01); **F04D 29/4213** (2013.01); **F24F 3/167** (2021.01); **F24F 7/007** (2013.01); **F24F 13/24** (2013.01)

Citation (search report)

- [X] EP 0567688 A1 19931103 - HEIDELBERG GOETZ [DE], et al
- [X] EP 0606054 A2 19940713 - SANDURKOV IVAN [AT]
- [X] DE 4230420 A1 19930408 - SIEMENS AG [DE]
- [X] DE 4226843 A1 19940217 - BAYERISCHE MOTOREN WERKE AG [DE]
- [X] DE 4421855 A1 19960104 - LICENTIA GMBH [DE]

Cited by

US9969493B2; US7556218B2; WO2008031174A1

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 1048904 A2 20001102; **EP 1048904 A3 20050914**; DE 19919796 A1 20001102

DOCDB simple family (application)

EP 00109032 A 20000427; DE 19919796 A 19990430