

Title (en)

Process and device for the conditioning of exhaust air, in particular of clean rooms

Title (de)

Anlage und Verfahren zur Abluftaufbereitung, insbesondere bei Reinraumanlagen

Title (fr)

Méthode et dispositif de conditionnement de l'air d'évacuation, en particulier dans les salles blanches

Publication

EP 1291586 A3 20041215 (DE)

Application

EP 02019612 A 20020903

Priority

DE 10143628 A 20010906

Abstract (en)

[origin: EP1291586A2] A ventilation unit, especially for clean room technology, has a fresh air inlet (5), an air outlet, a processing unit (2) with a filter (11) at its exit. The outlet (10) from the filter is connected with the fresh inlet and/or the work room (3) which can also be a machine- or store-room or laboratory. An Independent claim is also included for a ventilation process using the above unit.

IPC 1-7

F24F 3/16

IPC 8 full level

F24F 3/16 (2006.01)

CPC (source: EP US)

F24F 3/167 (2021.01 - EP US); **F24F 8/108** (2021.01 - EP); **F24F 8/15** (2021.01 - EP); **F24F 8/90** (2021.01 - EP); **F24F 8/108** (2021.01 - US); **F24F 8/15** (2021.01 - US); **F24F 8/90** (2021.01 - US)

Citation (search report)

- [X] US 5326316 A 19940705 - HASHIMOTO NAOYUKI [JP], et al
- [A] EP 0827186 A2 19980304 - TOKYO ELECTRON LTD [JP]
- [A] US 3728866 A 19730424 - LAYTON H
- [A] EP 0736403 A2 19961009 - BEHR GMBH & CO [DE], et al & US 6368208 B1 20020409 - MINOSHIMA MASAHIKO [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 0111, no. 49 (M - 588) 15 May 1987 (1987-05-15)

Cited by

IT202100023105A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1291586 A2 20030312; **EP 1291586 A3 20041215**; CN 100491848 C 20090527; CN 1409062 A 20030409; DE 10143628 A1 20030327; SG 122765 A1 20060629; TW 564186 B 20031201; US 2003050004 A1 20030313; US 6808546 B2 20041026

DOCDB simple family (application)

EP 02019612 A 20020903; CN 02132033 A 20020906; DE 10143628 A 20010906; SG 200205418 A 20020906; TW 91119489 A 20020828; US 6498402 A 20020906