

Title (en)

Filter device for filtering the air of a room, in particular for renovation work in buildings

Title (de)

Filtervorrichtung zur Raumlufftfilterung, insbesondere für Sanierungsarbeiten in Gebäude

Title (fr)

Dispositif à filtre pour la filtration de l'air ambiant, en particulier pour les travaux d'assainissement dans les bâtiments

Publication

EP 2524739 A3 20130508 (DE)

Application

EP 12166329 A 20120502

Priority

DE 202011050155 U 20110517

Abstract (en)

[origin: EP2524739A2] The device (100) has housing (10) in which dust filter such as high efficiency particulate air (HEPA) filter, and fan for dust extraction are arranged. The housing has several air inlet sides and air outlet openings for blowing out the air in the housing. The adapter plate for suction hose or a releasable cover plate are detachably fastened at air inlet sides, such that free air intake at air-inlet sides, with no adapter plate or cover plate, or a suction by suction hoses with adapter plate is possible.

IPC 8 full level

B08B 15/00 (2006.01); **B01D 35/30** (2006.01); **F24F 8/10** (2021.01)

CPC (source: EP US)

B08B 15/00 (2013.01 - EP); **F24F 8/10** (2021.01 - EP US); **F24F 2221/125** (2013.01 - EP)

Citation (search report)

- [I] US 6395047 B1 20020528 - SMITH WILLIAM C [US]
- [I] US 3023447 A 19620306 - SENNE EDGAR P
- [A] US 4749390 A 19880607 - BURNETT GILBERT W [US], et al

Cited by

EP3714998A1; CN108291736A; EP3879193A1; NL1043205B1; WO2023230369A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 202011050155 U1 20120820; EP 2524739 A2 20121121; EP 2524739 A3 20130508; EP 2524739 B1 20160406

DOCDB simple family (application)

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