

Title (en)

ELECTROSTATIC FILTER UNIT AND EXTRACTION HOOD DEVICE WITH ELECTROSTATIC FILTER UNIT

Title (de)

ELEKTROSTATISCHE FILTEREINHEIT UND DUNSTABZUGSVORRICHTUNG MIT ELEKTROSTATISCHER FILTEREINHEIT

Title (fr)

UNITÉ FILTRANTE ÉLECTROSTATIQUE ET DISPOSITIF D'EXTRACTION POURVU D'UNITÉ FILTRANTE ÉLECTROSTATIQUE

Publication

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Application

EP 19162784 A 20190314

Priority

DE 102018205332 A 20180410

Abstract (en)

[origin: CN110354996A] The present invention relates to an electrostatic filter unit for a ventilation device (5), which comprises an ionization unit (2) with at least one ionization element (28) and at least one counter electrode (22), and a separation unit (3). The filter unit (1) is characterized in that the at least one counter electrode (22) has at least one opening (220) and the ionization element (28) comprises at least one needle-shaped ionization electrode (21) with a tip (211); the ionization electrode (21) is perpendicular to the opening (220) of the counter electrode (22) and the tip (211) is in the opening (220) of the counter electrode (22). In addition, the invention relates to a ventilation device (5) which has at least one such filter unit.

IPC 8 full level

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Citation (examination)

JP H10235224 A 19980908 - OMI KOGYO KK

Cited by

US2022032321A1; US2022032319A1; SE1951357A1; SE543755C2; US2022032322A1; US12064774B2; WO2020245508A1; WO2021185418A1; WO2021107850A1; EP3909685A1; US2021356148A1; CN113751198A; AU2021202873B2; US12044438B2

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