

Title (en)

Elektrostatic filter device for fume extraction

Title (de)

Elektrostatische Filtereinrichtung für Dunstabzugshauben

Title (fr)

Installation de filtrage électrostatique pour hottes d'évacuation de vapeur

Publication

EP 0559038 B1 19960828 (DE)

Application

EP 93102711 A 19930220

Priority

DE 4207022 A 19920306

Abstract (en)

[origin: EP0559038A2] An electrostatic filter device is proposed which has a modular construction. Each module (8, 9) has an ionizer (13) and a detachable filter plate (10). In the ionizer, mechanically stable electrodes (14) in the form of toothed strips (15) are attached to a support plate (16). The straight toothed strips (15) are enclosed in grooves in the support plate (16). For cleaning purposes, each module (8, 9) with the plate precipitator composed of the filter plates (10) can be removed from the filter device against the direction of the air flow. Plate precipitator and ionizer (13) can be jointly cleaned in a washing machine. <IMAGE>

IPC 1-7

B03C 3/82; B03C 3/12; B03C 3/86; B03C 3/41; F24C 15/20; B03C 3/32

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0974790A3; CN110402351A; CN111189095A; CN107477641A; CN107413120A; US11369975B2; WO2006081884A1; WO2018166764A1

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