

Title (en)

FILTER SYSTEM TO PURIFY AIR OF SMOKING ROOMS.

Title (de)

FILTERANLAGE ZUR REINIGUNG VON LUFT IN RÄUCHERKAMMERN.

Title (fr)

SYSTEME DE FILTRAGE POUR L'EPURATION DE L'AIR DANS LES FUMOIRES.

Publication

EP 0672232 A1 19950920 (EN)

Application

EP 94901966 A 19931209

Priority

- FI 9300530 W 19931209
- FI 925653 A 19921211

Abstract (en)

[origin: WO9414013A1] A smoking room (1) in which the room air can be maintained clean by means of a purification system in such a way that the particles present in the air and tobacco smoke discharging from the smoking room will adhere to a filter unit (4) belonging to the purification system, the unit having a eurovent-classified filter EU4-EU5 (5), followed by an activated-carbon filter (7) and, for example, aluminum oxide saturated with potassium permanganate, i.e. PURAFILR filter material (8), which is a broadaction oxidizing agent and removes impurities from the air by adsorption, absorption, and chemical oxidation. Between the EU4-EU5 filter (5) and the activated-carbon filter (7) there is a second eurovent-classified filter EU9-EU10 (6), and the purification system includes an odor filter (10), which is, for example, a chemically modified copolymer of polypropylene and styrene.

IPC 1-7

F24F 3/16

IPC 8 full level

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CPC (source: EP US)

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See references of WO 9414013A1

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