

Title (en)

A FILTER ASSEMBLY INTENDED FOR EXTRACTOR FANS IN DOMESTIC OVENS

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Application

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Abstract (en)

[origin: EP0238780A1] The present invention relates to a filter assembly for oven extractor fans of the kind which include air deflecting devices extending along the air-intake ports of the filter assembly, these devices comprising mutually off-set rows of pin-like elements extending at right angles to the bottom plane of the filter assembly. In accordance with the invention the filter assembly (4) comprises a bottom plate (8) and a top plate (7) which extends along the front edge and the side edges of the bottom plate and has a width at least sufficient for the top plate (7) to cover the rows of air deflecting devices (10), such as to form air-intake channels (9, 11) together with corresponding parts of the bottom plate. The air-intake opening along the front side of the filter assembly comprises a slot (11) located between the bottom and top plates and extending along the whole of the front side of the filter assembly (4), and the air-intake ports located along the sides of the filter assembly (4) comprises slots (9) formed in the bottom plate, the undersurface of the bottom plate lying flush with or inwardly of the underside of the extractor hood. The invention provides a filter assembly in which the air-intake opening thereof located on the front side, placed in the width direction of the oven, has maximum length. In addition, all air-intake channels are arranged in the actual filter assembly itself, which facilitates cleaning of the assembly.

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