

Title (en)

Electrostatic filter.

Title (de)

Elektrostatischer Filter.

Title (fr)

Filtre électrostatique.

Publication

**EP 0579310 A1 19940119 (EN)**

Application

**EP 93201913 A 19930701**

Priority

IT MI920703 U 19920714

Abstract (en)

An electrostatic filter for air-purification equipment, comprising a prismatic box-shaped body (5), made of metallized thermoplastic material, substantially in the form of a tray, subdivided in a longitudinal sense by a multiplicity of equispaced walls perpendicular to the base (5a, 5c, 5e, 5g) alternating with dividing baffles (5b, 5d, 5f) of short length in relation to that of such walls, so as to form a multiplicity of parallel electrostatic cells within each of which is contained a fixed polarizing electrode (11; 111) located parallel to such walls and baffles and passing around the rear end of such baffles (5b, 5d, 5f) stretched between supports (12, 12a) integral with the air-purification device, such combination making it possible to ensure both the stable setting of such continuous polarizing electrode (11, 111) between each pair of walls and the removal of an individual cell (5), each of such electrostatic cells being furthermore subdivided in a longitudinal sense by at least one fin (9) of lower height than that of such walls and baffles. <IMAGE>

IPC 1-7

**B03C 3/40**; **B03C 3/36**; **B03C 3/08**

IPC 8 full level

**B03C 3/08** (2006.01); **B03C 3/36** (2006.01); **B03C 3/40** (2006.01)

CPC (source: EP)

**B03C 3/08** (2013.01); **B03C 3/36** (2013.01); **B03C 3/40** (2013.01)

Citation (search report)

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