

Title (en)
Electrostatic filter unit

Title (de)
Elektrostatische Filtereinrichtung

Title (fr)
Installation de filtrage électrostatique

Publication
EP 0715894 B1 19990609 (DE)

Application
EP 95116832 A 19951026

Priority
DE 9419827 U 19941210

Abstract (en)
[origin: EP0715894A1] An electrostatic filter unit consists of a gas ioniser which has a spray electrode fitted to the outside of a rotationally symmetric insulation member, and a cylindrical outer opposing electrode. An electrostatic precipitator is attached to the sensor, and consists of concentric metal tubes which are insulated w.r.t. each other, with a high voltage field between them. The insulation member (8) is in the form of tubes and has spray electrodes (10) on its inner wall (9) as well, which are spaced apart from an inner opposing electrode (12).

IPC 1-7
B03C 3/12; **B03C 3/06**; **B03C 3/38**; **B03C 3/41**; **B03C 3/32**; **F24F 3/16**

IPC 8 full level
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CPC (source: EP)
B03C 3/019 (2013.01); **B03C 3/06** (2013.01); **B03C 3/12** (2013.01); **B03C 3/368** (2013.01); **B03C 3/41** (2013.01); **B03C 3/49** (2013.01); **B03C 3/70** (2013.01); **F24C 15/20** (2013.01); **B03C 2201/10** (2013.01)

Cited by
CH699458A1; CN107684976A; CN109827216A; WO0062936A1; TWI678233B

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AT BE CH DE DK ES FR GB IT LI NL

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