

Title (en)
Electric precipitator

Title (de)
Elektroabscheider

Title (fr)
Précipitateur électrique

Publication
EP 0556847 B1 19970521 (EN)

Application
EP 93102664 A 19930219

Priority
KR 920002702 A 19920221

Abstract (en)
[origin: EP0556847A2] An electric precipitator comprising a plurality of discharge members (3) each having a plurality of spaced main discharge electrodes (3b) protruded from each longitudinal edge of the discharge member (3) and a plurality of spaced additional discharge electrodes (3c) protruded from each longitudinal edge of the discharge member (3) and arranged with the main discharge electrodes (3b) in an alternating manner, a plurality of charge members (4) each charge member having a plurality of spaced main charge electrodes (4a) formed at each longitudinal edge of the charge member (4) to have an arc groove shape and a plurality of spaced additional charge electrodes (4b) formed at each longitudinal edge of the charge member (4) to have an arc groove shape and arranged with the main charge electrodes (4a) in an alternating manner. Each additional discharge electrode (3c) has a length different from that of each main discharge electrode (3b). Each additional charge electrode (4b) has an arc length different from that of each main charge electrode (4a). An activated carbon filter is disposed to filter secondarily the charged dust particles and remove odor from the air. <IMAGE>

IPC 1-7
B03C 3/38; **B03C 3/12**; **B03C 3/40**; **B03C 3/00**

IPC 8 full level
B03C 3/019 (2006.01); **B03C 3/12** (2006.01); **B03C 3/38** (2006.01); **B03C 3/40** (2006.01)

CPC (source: EP KR)
B03C 3/019 (2013.01 - EP); **B03C 3/12** (2013.01 - EP KR); **B03C 3/38** (2013.01 - EP); **B03C 3/40** (2013.01 - EP)

Cited by
ES2155366A1; CN103567072A; US6235090B1; EP2316575A1; CN102049354A; US8597415B2

Designated contracting state (EPC)
DE FR GR IT

DOCDB simple family (publication)
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