

Title (en)
Ioniser for filter apparatus

Title (de)
Ionisator für ein Filtergerät

Title (fr)
Ionisateur pour filtre

Publication
EP 1297894 B1 20070725 (DE)

Application
EP 02018566 A 20020816

Priority
DE 10148390 A 20010929

Abstract (en)
[origin: EP1297894A2] The ionizer provides electrical charging of solid or liquid particles contained in the air via a number of spray electrode wires (4), extending parallel to one another perpendicular to the air flow direction, with sheet metal walls (1) between them defining air flow channels, each having a spray electrode at its center. The opposing sheet metal walls are bent outwards to form a widened channel section on one side of each spray electrode wire.

IPC 8 full level
B03C 3/36 (2006.01); **B03C 3/38** (2006.01); **B03C 3/41** (2006.01)

CPC (source: EP)
B03C 3/36 (2013.01); **B03C 3/38** (2013.01); **B03C 3/41** (2013.01)

Cited by
DE102011052946B4; DE102011052946A1; WO2021099110A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
EP 1297894 A2 20030402; EP 1297894 A3 20060329; EP 1297894 B1 20070725; AT E367864 T1 20070815; DE 10148390 A1 20030424; DE 10148390 B4 20151119; DE 50210543 D1 20070906

DOCDB simple family (application)
EP 02018566 A 20020816; AT 02018566 T 20020816; DE 10148390 A 20010929; DE 50210543 T 20020816