

Title (en)

Filter element for electrostatic air cleaner.

Title (de)

Filterelement für elektrostatischen Luftreiniger.

Title (fr)

Élément filtrant pour purificateur électrostatique d'air.

Publication

EP 0129401 A1 19841227 (EN)

Application

EP 84303991 A 19840613

Priority

GB 8316222 A 19830614

Abstract (en)

An insulating ribbon 10 coated on both faces within an electrically conductive paint is wound into a spiral coil on a core 11 and enclosed by a sheath 12. Spacers 13 are formed by insulating strips perpendicular to the turns of the coil whose ends are twisted through 90 DEG and welded to the margins of the ribbon. Electrical contacts to the two faces of the ribbon are formed by contact strip 22 on the core and contact strip 24 on the sheath (through its ends 23).

IPC 1-7

B03C 3/49; **B03C 3/60**

IPC 8 full level

B03C 3/49 (2006.01); **B03C 3/60** (2006.01)

CPC (source: EP)

B03C 3/49 (2013.01); **B03C 3/60** (2013.01)

Citation (search report)

- [X] US 4313741 A 19820202 - MASUDA SENICHI, et al
- [X] US 4234324 A 19801118 - DODGE JR CLEVELAND E
- [X] FR 1400684 A 19650528 - NIPPON KUKI KOGYO KABUSHIKI KA

Cited by

CN102720564A; DE3418577A1; US4877428A; CN104907175A; US10556241B2; WO9846360A1; WO2020104678A1; FR3088834A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0129401 A1 19841227; GB 8316222 D0 19830720

DOCDB simple family (application)

EP 84303991 A 19840613; GB 8316222 A 19830614