

Title (en)

Vacuum cleaner with directly generated electrostatic effect

Title (de)

Staubsauger mit direkt erzeugtem elektrostatischen Effekt

Title (fr)

Aspirateur de poussières à effet électrostatique généré directement

Publication

**EP 0908121 B1 20021016 (EN)**

Application

**EP 97830396 A 19970728**

Priority

EP 97830396 A 19970728

Abstract (en)

[origin: EP0908121A1] A vacuum cleaner with an electrostatic effect, in which a suction motor unit (13) drives a frictional electrostatic generator formed by two circular rings (17, 18) of two different electrostatically chargeable materials moving relative to one another and the electrical charges of opposite sign generated are applied, respectively, to a dust container (4) and to a field plate (9, 22) housed in the container (4) and insulated therefrom, so that the electric field generated inside the container attracts and retains against the field plate and the internal wall of the container the dust particles transported by an air-flow admitted to the container. <IMAGE>

IPC 1-7

**A47C 1/00**; **A47L 9/14**

IPC 8 full level

**A47L 9/14** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)

**A47L 9/1409** (2013.01); **A47L 9/2889** (2013.01)

Cited by

US6238451B1; JP2016527936A; DE102007015145A1; WO2010043406A1; US6344064B1; US6582489B2; WO0040135A1; US6482252B1; US6383266B1

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