

Title (en)

Portable electric cleaning device

Title (de)

Tragbares elektrisches Reinigungswerkzeug

Title (fr)

Appareil électrique portatif de nettoyage

Publication

**EP 0990402 A3 20030924 (EN)**

Application

**EP 99116126 A 19990818**

Priority

US 16332498 A 19980930

Abstract (en)

[origin: EP0990402A2] The present invention relates to a portable electric cleaning device (10, 100, 200) for cleaning various household items. The cleaning device (10, 100, 200) comprises a housing (20), a motor (30), a cleaning module (50, 120), and a battery set (60). The housing (20) has a handle (22, 130, 230) and a chassis (24, 110, 210). The motor (30) is installed in the chassis (24, 110, 210) of the housing (20) and comprises a rotating axle (32, 38). The cleaning module (50, 120) has a cleaning head (54, 300, 400, 500, 600, 700, 800, 900, 1000) for cleaning various home appliances and home environments, and a connecting end (52) installed on the rotating axle (32, 38). The battery set (60) is installed in the housing (20) for driving the motor (30) so as to rotate the cleaning module (50, 120). <IMAGE>

IPC 1-7

**A46B 13/00**; **A46B 13/02**; **B24B 45/00**; **B08B 1/04**

IPC 8 full level

**A46B 13/02** (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP)

**A46B 13/02** (2013.01); **B24B 45/006** (2013.01); **B65H 2404/271** (2013.01)

Citation (search report)

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