

Title (en)

Portable electric cleaning device

Title (de)

Tragbares elektrisches Reinigungswerkzeug

Title (fr)

Appareil électrique portatif de nettoyage

Publication

EP 0990402 A2 20000405 (EN)

Application

EP 99116126 A 19990818

Priority

US 16332498 A 19980930

Abstract (en)

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

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IPC 8 full level

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CPC (source: EP)

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Cited by

KR101371791B1; NL1033173C2; FR2875155A1; US8029341B2; WO2013162226A1; WO2006030091A1

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