

Title (en)
Vacuum cleaner with electronic controller

Title (de)
Staubsauger mit elektronischer Steuerungsvorrichtung

Title (fr)
Aspirateur avec contrôleur électronique

Publication
EP 1800586 A2 20070627 (EN)

Application
EP 06021978 A 20061019

Priority
US 31341705 A 20051221

Abstract (en)
A cleaning apparatus includes a base. The base has a bottom surface, an access opening in the bottom surface, and wheels for wheeling the base over a floor while the bottom surface faces the floor. A cleaning attachment is configured to be attached to the base and moved against a household surface to clean the surface. An electronic controller is configured to be inserted through the opening into an installed position in the base from which to control an operating condition of the apparatus.

IPC 8 full level
A47L 5/28 (2006.01); **A47L 5/32** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP US)
A47L 5/225 (2013.01 - EP US); **A47L 5/28** (2013.01 - EP US); **A47L 5/32** (2013.01 - EP US); **A47L 9/2842** (2013.01 - EP US); **A47L 9/2857** (2013.01 - EP US); **A47L 9/2863** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1800586 A2 20070627; **EP 1800586 A3 20081210**; **EP 1800586 B1 20090722**; AU 2006230654 A1 20070705; AU 2006230654 B2 20081204; CA 2560122 A1 20070621; DE 602006007938 D1 20090903; NZ 549895 A 20080229; PT 1800586 E 20090731; RU 2335230 C1 20081010; US 2007136979 A1 20070621

DOCDB simple family (application)
EP 06021978 A 20061019; AU 2006230654 A 20061017; CA 2560122 A 20060915; DE 602006007938 T 20061019; NZ 54989506 A 20060915; PT 06021978 T 20061019; RU 2006145595 A 20061220; US 31341705 A 20051221