

Title (en)
Cleaning apparatus with removable handle with electronic user interface

Title (de)
Reinigungsgerät mit lösbarem Griff mit elektronischer Benutzerschnittstelle

Title (fr)
Appareil de nettoyage avec poignée amovible avec interface utilisateur électronique

Publication
EP 1782724 A2 20070509 (EN)

Application
EP 06021977 A 20061019

Priority
US 26616505 A 20051103

Abstract (en)
A cleaning apparatus includes a base (10), a cleaning head (12,14,16,18) and a handle (20,22). The cleaning head (12,14,16,18) is configured to be attached to the base (10) and moved against a household surface to clean the surface. The handle (20,22) is configured to be removably attached to the base (10) for manually moving the base (10) by the handle (20,22). The handle (20,602) has an electronic user interface (640,642) with which a user can control or monitor operation of the base (10).

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

CPC (source: EP US)
A47L 5/28 (2013.01 - EP US); **A47L 5/30** (2013.01 - EP US); **A47L 5/32** (2013.01 - EP US); **A47L 9/14** (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); **A47L 9/322** (2013.01 - EP US);
A47L 9/325 (2013.01 - EP US)

Cited by
EP2537403A1; EP2030548A3; US8336165B2; US8186007B2; WO2015158362A1; US8201302B2; US8181309B2; US8595897B2; US8272097B2

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 YU

DOCDB simple family (publication)
EP 1782724 A2 20070509; EP 1782724 A3 20081119; AU 2006230721 A1 20070517; AU 2006230721 B2 20080904; CA 2560121 A1 20070503;
NZ 549896 A 20070330; US 2007094839 A1 20070503

DOCDB simple family (application)
EP 06021977 A 20061019; AU 2006230721 A 20061017; CA 2560121 A 20060915; NZ 54989606 A 20060915; US 26616505 A 20051103