

Title (en)

SUCTION DEVICE FOR ELECTRIC CLEANER AND ELECTRIC CLEANER USING SAME

Title (de)

SAUGVORRICHTUNG FÜR EINEN ELEKTRISCHEN REINIGER UND ELEKTRISCHER REINIGER DAMIT

Title (fr)

DISPOSITIF D'ASPIRATION POUR ASPIRATEUR ÉLECTRIQUE ET ASPIRATEUR ÉLECTRIQUE UTILISANT CELUI-CI

Publication

EP 2636349 A1 20130911 (EN)

Application

EP 11837735 A 20111031

Priority

- JP 2010244887 A 20101101
- JP 2011006076 W 20111031

Abstract (en)

Suction tool (2) for an electric vacuum cleaner includes first suction tool (10) that has a first suction port for suctioning dust, and second suction tool (20) that has a second suction port communicating with the first suction port and that is detachably engaged with first suction tool (10). Moreover, the suction tool includes third suction tool (30) that has a third suction port communicating with the second suction port and that is detachably engaged with second suction tool (20). Furthermore, the suction tool includes first operation part (42) for disengaging first suction tool (10) from second suction tool (20), and second operation part (48) for disengaging second suction tool (20) from third suction tool (30).

IPC 8 full level

A47L 9/02 (2006.01)

CPC (source: EP)

A47L 9/0027 (2013.01); **A47L 9/02** (2013.01); **A47L 9/0653** (2013.01)

Cited by

EP3491988A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2636349 A1 20130911; **EP 2636349 A4 20180321**; **EP 2636349 B1 20190925**; CN 103188976 A 20130703; CN 103188976 B 20150930; JP 2012095784 A 20120524; JP 5849236 B2 20160127; WO 2012060081 A1 20120510

DOCDB simple family (application)

EP 11837735 A 20111031; CN 201180052919 A 20111031; JP 2010244887 A 20101101; JP 2011006076 W 20111031