

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 2941993 B1 20191016 (EN)

Application
EP 15166996 A 20150508

Priority
KR 20140055792 A 20140509

Abstract (en)
[origin: EP2941993A1] The vacuum cleaner includes a cleaner body comprising a suction motor for generating a suction force, a suction part arranged to communicate with the cleaner body to suction air and dusts, a battery to supply a power to the suction motor, a charger separably connected to the cleaner body or the suction part to charge the battery, and a voltage regulator regulating a voltage between an output terminal of the charger and the suction motor so that a voltage outputted from the charger is greater than that inputted into the suction motor.

IPC 8 full level
A47L 9/00 (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP KR US)
A47L 5/362 (2013.01 - US); **A47L 9/00** (2013.01 - KR); **A47L 9/04** (2013.01 - KR); **A47L 9/2842** (2013.01 - US); **A47L 9/2857** (2013.01 - US); **A47L 9/2868** (2013.01 - EP US); **A47L 9/2873** (2013.01 - EP US); **A47L 9/2884** (2013.01 - US)

Cited by
US10709305B2; US10687678B2; US11471018B2; US11864720B2

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 2941993 A1 20151111; **EP 2941993 B1 20191016**; AU 2015201931 A1 20151126; CN 105078368 A 20151125; KR 20150128427 A 20151118; US 2015320285 A1 20151112

DOCDB simple family (application)
EP 15166996 A 20150508; AU 2015201931 A 20150416; CN 201510169496 A 20150410; KR 20140055792 A 20140509; US 201514709113 A 20150511