Title (en)
VACUUM CLEANER AND METHOD FOR OPERATING SAME

Title (de)
STAUBSAUGER UND VERFAHREN ZUM BETREIBEN EINES STAUBSAUGERS

Title (fr)
ASPIRATEUR ET PROCEDE DESTINE AU FONCTIONNEMENT D'UN ASPIRATEUR

Publication
EP 3108785 B1 20190515 (DE)

Application
EP 16174403 A 20160614

Priority
DE 102015109975 A 20150622

Abstract (en)
[origin: CN106388702A] The invention relates to a vacuum cleaner and a method for operating a vacuum cleaner. The vacuum cleaner according to the invention is provided with a suction nozzle for sucking dirt and / or dust, in particular coarse material and/or fine dust, from a bottom by means of a suction air flow and a manual part for manual movement of the suction nozzle over the bottom, wherein the suction nozzlecomprises a housing, a suction space formed within the housing with a bottom opening, which can be moved relative to the underside of the suction nozzle by means of an actuator, into the suction space Wherein the distance between the suction mouth and the base is at least partially increased by an extension of the support element, and the distance of the suction mouth from the floor is at least partially reduced by retraction of the support element. The actuator can be controlled by means of a manually operable switch arranged on the handpiece. Thus, such a vacuum cleaner is provided, which makes it possible to adapt its suction nozzle to a respective situation with little effort, in order to ensure reliable suctioning of coarse material.

IPC 8 full level
A47L 5/34 (2006.01)

CPC (source: CN EP)
A47L 5/34 (2013.01 - EP); **A47L 9/02** (2013.01 - CN); **A47L 9/066** (2013.01 - CN); **A47L 9/2852** (2013.01 - CN); **A47L 9/2857** (2013.01 - CN)

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 3108785 A1 20161228; **EP 3108785 B1 20190515**; CN 106388702 A 20170215; CN 106388702 B 20210720; DE 102015109975 A1 20161222; ES 2732736 T3 20191125; JP 2017035459 A 20170216; TW 201707627 A 20170301; TW I698212 B 20200711

DOCDB simple family (application)
EP 16174403 A 20160614; CN 201610453053 A 20160621; DE 102015109975 A 20150622; ES 16174403 T 20160614; JP 2016122883 A 20160621; TW 105118574 A 20160614