

Title (en)  
PORTABLE HARD-SURFACE SUCTION CLEANER

Title (de)  
TRAGBARES HARTFLÄCHENABSAUGGERÄT

Title (fr)  
APPAREIL D'ASPIRATION DE SURFACES DURES PORTABLE

Publication  
**EP 2890284 B1 20161005 (DE)**

Application  
**EP 13748021 A 20130812**

Priority  
• DE 102012107994 A 20120829  
• EP 2013066791 W 20130812

Abstract (en)  
[origin: WO2014032947A1] The invention relates to a method for operating a portable hard-surface suction cleaner for extracting a liquid/air mixture from a hard surface using suction, wherein the hard-surface suction cleaner has a suction nozzle, a suction subassembly and a separating device, which is arranged in the flow path between the suction nozzle and the suction subassembly and is connected to a dirty-liquid tank, and wherein the suction subassembly can be switched on and off by a control device and can be supplied with energy by at least one rechargeable battery. In order to develop the method such that the energy consumption of the hard-surface suction cleaner can be reduced, it is proposed according to the invention that the control device is provided with a sensor means and the suction subassembly is switched on automatically by way of the sensor means. Also proposed is a portable hard-surface suction cleaner (10; 110) for implementing the method.

IPC 8 full level  
**A47L 5/24** (2006.01); **A47L 1/05** (2006.01); **A47L 7/00** (2006.01); **A47L 9/28** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)  
**A47L 1/05** (2013.01); **A47L 5/24** (2013.01); **A47L 7/0004** (2013.01); **A47L 9/28** (2013.01); **A47L 11/4011** (2013.01); **A47L 11/4016** (2013.01); **A47L 11/4044** (2013.01)

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)  
**WO 2014032947 A1 20140306**; CN 104619227 A 20150513; CN 104619227 B 20170718; DE 102012107994 A1 20140306; EP 2890284 A1 20150708; EP 2890284 B1 20161005; EP 3130268 A1 20170215

DOCDB simple family (application)  
**EP 2013066791 W 20130812**; CN 201380044425 A 20130812; DE 102012107994 A 20120829; EP 13748021 A 20130812; EP 16185137 A 20130812