

Title (en)
ELECTRIC VACUUM CLEANER

Title (de)
ELEKTRISCHER STAUBSAUGER

Title (fr)
ASPIRATEUR ÉLECTRIQUE

Publication
EP 2692271 B1 20171101 (EN)

Application
EP 12763029 A 20120328

Priority
• JP 2011070745 A 20110328
• JP 2012058215 W 20120328

Abstract (en)
[origin: EP2692271A1] An electric vacuum cleaner includes a cleaner main body housing an electric blower (18). The electric vacuum cleaner includes an air passage communicating with a suction side of the electric blower(18). The electric vacuum cleaner includes a floor brush (23) which is movable on a surface to be cleaned, and partitioning a part of the air passage. The electric vacuum cleaner includes an optical sensor (53) that detects a dust amount passing through an inside of the air passage by driving of the electric blower (18). The electric vacuum cleaner includes a cleaning efficiency calculating part (59) that calculates a cleaning efficiency on the basis of an integrated amount of the dust amount detected by the optical sensor (53), a moving amount on the surface to be cleaned of the floor brush (23), and a moving time on the surface to be cleaned of the floor brush (23). The electric vacuum cleaner includes a display unit (20) which is capable of displaying the cleaning efficiency calculated by the cleaning efficiency calculating part (59).

IPC 8 full level
A47L 9/28 (2006.01)

CPC (source: EP KR)
A47L 5/36 (2013.01 - EP); **A47L 9/00** (2013.01 - KR); **A47L 9/28** (2013.01 - KR); **A47L 9/2815** (2013.01 - EP); **A47L 9/2826** (2013.01 - EP); **A47L 9/2857** (2013.01 - EP); **A47L 2201/06** (2013.01 - EP)

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DOCDB simple family (publication)
EP 2692271 A1 20140205; EP 2692271 A4 20141008; EP 2692271 B1 20171101; CN 103476314 A 20131225; CN 103476314 B 20151125; JP 5321869 B2 20131023; JP WO2012133571 A1 20140728; KR 101471322 B1 20141209; KR 20130115390 A 20131021; RU 2013143794 A 20150510; RU 2552763 C2 20150610; WO 2012133571 A1 20121004

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