

Title (en)

Bagless vacuum cleaner with a dust container

Title (de)

Beutelloser Staubsauger mit einem Staubbehälter

Title (fr)

Aspirateur sans sac avec un récipient à poussière

Publication

**EP 2612583 A3 20141105 (DE)**

Application

**EP 12401251 A 20121217**

Priority

- DE 102012100041 A 20120104
- DE 102012103370 A 20120418

Abstract (en)

[origin: EP2612583A2] The vacuum cleaner (10) has a dust container (12) i.e. cyclone, manufactured from electrochromic material and comprising electrodes to activate the material, where transparency of the material is continuously influenced. The electrodes are connected with an electric circuit to activate the material during combination of the container with the vacuum cleaner. The electric circuit is influenced by an operating device that is arranged at a handle (30). A lighting unit (40) i.e. LED, attached to the container is activated synchronously with the influencing of the transparency of the container.

IPC 8 full level

**A47L 9/14** (2006.01); **A47L 9/19** (2006.01); **A47L 9/28** (2006.01); **G05D 25/02** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP)

**A47L 9/1409** (2013.01); **A47L 9/19** (2013.01); **A47L 9/2836** (2013.01)

Citation (search report)

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- [AD] DE 102007011457 A1 20071025 - ROYAL APPLIANCE INTERNAT GMBH [DE]
- [AD] US 5589958 A 19961231 - LIEB JOSEPH A [US]
- [AD] DE 102005027572 B3 20061116 - MIELE & CIE [DE]

Cited by

EP3189758A4; WO2017177001A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2612583 A2 20130710; EP 2612583 A3 20141105; EP 2612583 B1 20150708**

DOCDB simple family (application)

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