

Title (en)
Suction device with function module

Title (de)
Sauggerät mit Funktionsmodul

Title (fr)
Dispositif d'aspiration doté d'un module de fonctionnement

Publication
EP 2229857 B1 20181226 (DE)

Application
EP 10002155 A 20100303

Priority
DE 102009015642 A 20090321

Abstract (en)
[origin: EP2229857A2] The device has a suction motor for producing suction stream, and a suction device housing with an operating wall (23) for operating the suction device. A module retainer is arranged at the operating wall for retaining functional modules i.e. compressed air modules (50a), that are provided for electric and/or optic and/or acoustic functions. An electric connection arrangement is arranged at the module retainer for electrically connecting the functional modules at the suction device. The functional modules are detachably connected with the suction device housing by connection units.

IPC 8 full level
A47L 9/00 (2006.01); **A47L 7/00** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)
A47L 7/0085 (2013.01); **A47L 7/0095** (2013.01); **A47L 9/00** (2013.01); **A47L 9/2821** (2013.01); **A47L 9/2831** (2013.01); **A47L 9/2842** (2013.01); **A47L 9/2857** (2013.01); **A47L 9/2894** (2013.01); **H01R 9/2491** (2013.01); **H01R 13/66** (2013.01); **H01R 24/76** (2013.01); **H01R 27/02** (2013.01); **H01R 13/5213** (2013.01); **H01R 2103/00** (2013.01)

Cited by
CN109068927A; US11337574B2; WO2017190784A1; WO2018177623A1; CN110461201A; JP2020518307A; US10994351B2; US11260462B2; US11571757B2; US11819934B2; CN104986014A; EP2628428A3; EP3524110A1; US10444720B2; US11360450B2; US12019420B2; US10671521B2; US11011053B2; US11386774B2; US11409647B2; US11874766B2; US11890738B2; EP3028810B1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2229857 A2 20100922; **EP 2229857 A3 20150506**; **EP 2229857 B1 20181226**; DE 102009015642 A1 20100930; DK 2229857 T3 20190401; DK 3485781 T3 20200928; DK 3485781 T4 20231106; EP 3485781 A2 20190522; EP 3485781 A3 20190710; EP 3485781 B1 20200819; EP 3485781 B2 20231004

DOCDB simple family (application)
EP 10002155 A 20100303; DE 102009015642 A 20090321; DK 10002155 T 20100303; DK 18215339 T 20100303; EP 18215339 A 20100303