

Title (en)

PARTICLE RECEIVING DEVICE, ARRANGEMENT AND METHOD FOR OPERATING AN ARRANGEMENT

Title (de)

ANORDNUNG UND VERFAHREN ZUM BETREIBEN EINER ANORDNUNG

Title (fr)

DISPOSITIF DE RECEPTION DE PARTICULES, DISPOSITIF ET PROCEDE POUR FAIRE FONCTIONNER UN DISPOSITIF

Publication

**EP 3909487 C0 20231129 (DE)**

Application

**EP 21182277 A 20190710**

Previously filed application

PCT/EP2019/068490 20190710 WO

Priority

- DE 102018211710 A 20180713
- EP 19739262 A 20190710
- EP 2019068490 W 20190710

Abstract (en)

[origin: WO2020011828A1] The invention relates to a particle receiving device (10, 10a, 10b) for attaching to a particle outlet (3) of a vacuum cleaner and/or a cyclone separator (1) and for receiving separated particles, comprising: a particle receiving volume (14, 14a, 14b) for receiving the particles, an access element (11, 11a, 11b) with an access element opening (15, 15a, 15b), through which the particles can be conveyed into the particle receiving volume (14, 14a, 14b), and a closure element (12, 12a, 12b). The access element (11, 11a, 11b) can be moved relative to the closure element (12, 12a, 12b) in a selective manner into a closure position, in which the closure element (12, 12a, 12b) closes the access element opening (15, 15a, 15b), or into an open position, in which the closure element (12, 12a, 12b) releases the access element opening (15, 15a, 15b).

IPC 8 full level

**A47L 7/00** (2006.01); **A47L 9/14** (2006.01)

CPC (source: EP US)

**A47L 7/0095** (2013.01 - EP US); **A47L 9/1418** (2013.01 - EP US); **A47L 9/1445** (2013.01 - EP); **A47L 9/1454** (2013.01 - EP US)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**WO 2020011828 A1 20200116**; AU 2019300188 A1 20210311; AU 2019300188 B2 20221208; CA 3106133 A1 20200116; CN 112638222 A 20210409; CN 112638222 B 20220719; DE 102018211710 A1 20200116; EP 3749160 A1 20201216; EP 3909487 A1 20211117; EP 3909487 B1 20231129; EP 3909487 C0 20231129; JP 2021524346 A 20210913; JP 7164699 B2 20221101; US 2021251448 A1 20210819

DOCDB simple family (application)

**EP 2019068490 W 20190710**; AU 2019300188 A 20190710; CA 3106133 A 20190710; CN 201980046994 A 20190710; DE 102018211710 A 20180713; EP 19739262 A 20190710; EP 21182277 A 20190710; JP 2021500822 A 20190710; US 201917259231 A 20190710