

Title (en)

APPARATUS FOR DUST COLLECTION

Title (de)

VORRICHTUNG ZUR STAUBSAMMLUNG

Title (fr)

APPAREIL DE COLLECTE DE POUSSIÈRE

Publication

**EP 3237126 A4 20180110 (EN)**

Application

**EP 15872017 A 20151223**

Priority

- FI U20140169 U 20141223
- FI 2015000043 W 20151223

Abstract (en)

[origin: WO2016102744A1] This invention is related to means used for collecting dust, especially dust collection devices, vacuums and similar used at work sites, which can be moved to a work location. The invention concerns a dust collection apparatus (100) that has a suction chamber (200) that has a filter (212) therein, and which suction chamber (200) has at least one suction inlet (112) for sucking dusty air from outside of the apparatus and which dust collection apparatus (100) has a motor (230) for transferring air from outside of the apparatus through the suction inlet (112) to the suction chamber (200) and further through the filter (212). In this embodiment the dust collection apparatus (100) has at least a first door (120) and a second door (120) which are attached to opposite sides of the suction inlet (112), said doors (120) having an adjustable opening angle, and which doors (120) are turnable against the body of the dust collection apparatus (100).

IPC 8 full level

**B08B 15/02** (2006.01); **B01F 35/00** (2022.01); **B08B 15/00** (2006.01)

CPC (source: EP)

**B08B 15/00** (2013.01); **B08B 15/02** (2013.01); **B01D 46/76** (2022.01)

Citation (search report)

- [XI] US 2014235153 A1 20140821 - RANKIN KELLY [CA]
- [A] KR 20140000432 U 20140121
- [A] CN 202336468 U 20120718 - SHANGHAI TOBACCO GROUP CO LTD
- [A] CN 203343155 U 20131218 - SICHUAN CHUANYIN PACKAGE CO LTD CO LTD
- [A] KR 20050014270 A 20050207 - LG ELECTRONICS INC
- [A] GB 2296064 A 19960619 - BURDEN JON EDWARD [GB], et al
- See references of WO 2016102744A1

Cited by

CN113578907A

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)

**WO 2016102744 A1 20160630**; EP 3237126 A1 20171101; EP 3237126 A4 20180110; FI 10880 U1 20150521

DOCDB simple family (application)

**FI 2015000043 W 20151223**; EP 15872017 A 20151223; FI U20140169 U 20141223