

Title (en)

DEVICE FOR EXTRACTING MATERIAL IN THE FORM OF POWDER OR DUST

Title (de)

VORRICHTUNG ZUR ABSAUGUNG VON PULVER- ODER STAUBFÖRMIGEM MATERIAL

Title (fr)

DISPOSITIF D'ASPIRATION DE MATIÈRES SOUS FORME DE POUDRES OU DE POUSSIÈRES

Publication

EP 2467047 B1 20130605 (DE)

Application

EP 10743135 A 20100817

Priority

- DE 102009038310 A 20090821
- EP 2010061918 W 20100817

Abstract (en)

[origin: WO2011020819A1] The invention relates to a device (1) for extracting material in the form of powder or dust, particularly materials that are hazardous to health, comprising a housing (2), a collecting tank (3) for receiving the extracted material, an extraction line (4) leading to the collecting tank (3), a suction unit (5) generating an induced draft in the extraction line, a filter body (8) disposed between the extraction line and the suction unit in the direction of the induced draft, and a fine filter (9) disposed between the filter body and the suction unit in the direction of the induced draft. The extraction line opens into the filter body such that the induced draft enters the filter body through an opening, and permeates the filter body from inside to outside through a wall of the same. The fine filter comprises an inlet opening (23) facing the filter body that can be closed by means of a closure device (21) and comprising a closure element (22) closing the inlet opening and comprising a sealing surface (22a).

IPC 8 full level

A47L 7/00 (2006.01); **A47L 9/10** (2006.01); **A47L 9/12** (2006.01); **A47L 9/14** (2006.01)

CPC (source: EP)

A47L 7/0085 (2013.01); **A47L 9/106** (2013.01); **A47L 9/127** (2013.01); **A47L 9/1409** (2013.01)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009038310 A1 20110224; **DE 102009038310 B4 20120126**; EP 2467047 A1 20120627; EP 2467047 B1 20130605; WO 2011020819 A1 20110224

DOCDB simple family (application)

DE 102009038310 A 20090821; EP 10743135 A 20100817; EP 2010061918 W 20100817