

Title (en)
FUME EXTRACTION DEVICE

Title (de)
ABZUGSVORRICHTUNG

Title (fr)
DISPOSITIF D'EXTRACTION

Publication
EP 3445504 A1 20190227 (DE)

Application
EP 17720388 A 20170418

Priority
• DE 102016107431 A 20160421
• EP 2017059152 W 20170418

Abstract (en)
[origin: WO2017182454A1] Fume extraction device, in particular laboratory fume extraction device, comprising a housing (11) with an operating chamber (12) that is accessible to an operator (B) through an operating hole (19) in the housing (11); the operating chamber (12) is defined by a base (15), side walls (14, 17) and a cover (16); the operating hole (19) and/or at least one fresh air supply hole (30) in the area of the operating hole (19) is/are provided for allowing fresh air (Z) to flow into the operating chamber (12), and at least one waste air hole (34) in the area of the cover (16) is provided for allowing waste air (A) to escape. At least one filter holder (43, 44) for accommodating at least one filter element (41, 42) is placed upstream of the at least one waste air hole (34); the at least one filter holder (43, 44) is accessible through the operating hole (19) such that the filter element (41, 42) is accessible and replaceable from the operating chamber (12).

IPC 8 full level
B08B 15/02 (2006.01); **B01D 46/00** (2006.01); **B01L 1/04** (2006.01); **F24C 15/20** (2006.01); **F24F 3/16** (2006.01)

CPC (source: EP KR US)
B01D 46/0005 (2013.01 - US); **B01D 46/0032** (2013.01 - US); **B01D 46/0091** (2013.01 - EP KR US); **B01D 46/88** (2022.01 - EP KR US); **B01L 1/04** (2013.01 - EP KR US); **B08B 15/023** (2013.01 - EP KR US); **F24C 15/2035** (2013.01 - EP KR US); **F24F 3/163** (2021.01 - EP KR US); **B01D 2279/51** (2013.01 - US); **B01L 2300/0681** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2017182454A1

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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 2017182454 A1 20171026; CA 3020295 A1 20171026; CN 109070154 A 20181221; DE 102016107431 A1 20171026; EP 3445504 A1 20190227; JP 2019519370 A 20190711; KR 20180136955 A 20181226; US 2021215361 A1 20210715

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