

Title (en)  
AIR EXTRACTION DEVICE

Title (de)  
LUFTEXTRAKTIONSVORRICHTUNG

Title (fr)  
DISPOSITIF D'EXTRACTION D'AIR

Publication  
**EP 3453976 B1 20200610 (EN)**

Application  
**EP 18192389 A 20180904**

Priority  
BE 201705632 A 20170906

Abstract (en)  
[origin: EP3453976A1] Air extraction device comprising at least one vertical air extraction duct (1), through which the air is drawn off according to a vertical draw-off direction, comprising one or more filter elements (2), which are arranged in the air extraction duct (1), for the retention of grease and water, and comprising at least one or more reservoirs (3) for the collection of the grease and water, wherein these one or more reservoirs (3) are substantially arranged at the bottom of the one or more filter elements (2), viewed according to the draw-off direction, wherein the air extraction device comprises one or more collecting elements (4) for the capture of the grease and water emanating from the one or more filter elements (2), wherein each collecting element (4) comprises a discharge opening for the discharge of the captured grease and water and each reservoir (3) is arranged at the bottom of a said discharge opening.

IPC 8 full level  
**F24C 15/20** (2006.01)

CPC (source: EP)  
**F24C 15/2035** (2013.01); **F24C 15/2042** (2013.01); **F24C 15/2092** (2013.01)

Citation (examination)  
DE 202016104283 U1 20160809 - AIRFORCE S P A [IT]

Cited by  
CN114222890A; BE1029053B1; EP4036482A1; BE1029058B1; WO2021032481A1

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