

Title (en)

IMPROVED EXTRACTION HOOD FOR EXTRACTING FUMES PRODUCED BY CHEMICAL REACTIONS

Title (de)

VERBESSERTE ABZUGSHAUBE ZUM ABSAUGEN VON DURCH CHEMISCHE REAKTIONEN ERZEUGTEN RAUCHGASEN

Title (fr)

HOTTE D'EXTRACTION AMÉLIORÉE POUR L'EXTRACTION DE FUMÉES PRODUITES PAR DES RÉACTIONS CHIMIQUES

Publication

EP 3681649 B1 20210630 (EN)

Application

EP 18783574 A 20180911

Priority

- IT 201700102432 A 20170913
- IB 2018056936 W 20180911

Abstract (en)

[origin: WO2019053592A1] An improved extraction hood (1) for extracting fumes (F) produced by chemical reactions comprises a cabinet (2) with a bottom wall (3) defining a work surface (4), a top wall (5), a pair of side walls (6), a rear wall (7) and a front wall (8) which are adapted to delimit a work chamber (9), a screen (11) at the front wall (8), which is able to vertically slide and is selectively operable by an operator to move from a lifted position to define an opening (12) to a lowered closing position (12) and vice versa, a first extraction circuit (16) in fluid communication with the chamber (9), and comprising a first remote motor fan (17) connected to a first intake manifold (18) located on the top wall (5) for drawing in fumes (F) above the work surface (4), and exhaust them to the outside. At least one second extraction circuit (22) is provided, which is independent of the first circuit (16), and comprises a second remote motor fan (23) connected to the chamber (9) via a second manifold (24) placed in the proximity of the work surface (4) for drawing in stagnant fumes (F') on the surface (4) and exhaust them to the outside.

IPC 8 full level

B01L 1/02 (2006.01); **B08B 15/02** (2006.01); **F24F 3/16** (2021.01)

CPC (source: EP US)

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