

Title (en)

FUME EXTRACTOR HOOD, METHOD FOR OPERATING A FUME EXTRACTOR HOOD

Title (de)

DUNSTABZUGSHAUBE, VERFAHREN ZUM BETREIBEN EINER RAUCHABZUGSHAUBE

Title (fr)

HOTTE D'EXTRACTION DE FUMÉE, PROCÉDÉ DE FONCTIONNEMENT D'UNE HOTTE D'EXTRACTION DE FUMÉE

Publication

**EP 3667176 B1 20240110 (EN)**

Application

**EP 18211697 A 20181211**

Priority

EP 18211697 A 20181211

Abstract (en)

[origin: EP3667176A1] We describe a fume extractor hood (1) comprising a flow generator (2) for providing a forced flow (11) in an active mode of the flow generator (2), an exhaust duct (3) for guiding an exhaust flow (12), a cleaning device (4) for cleaning a recirculation flow (13), and a splitting device (5) for splitting the forced flow (11) in the exhaust flow (12) and the recirculation flow (13). The fume extractor hood (1) is characterized that in the active mode, the splitting device (5) is in a first fixed state with a first opening area (30) to the exhaust duct (3) so that the forced flow (11) is split in the exhaust flow (12) and the recirculation flow (13) through the cleaning device (4). Further, we describe a ventilation system for a house or a building and a method for operating a fume extractor hood (1).

IPC 8 full level

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CPC (source: EP US)

**B08B 15/02** (2013.01 - EP); **F24C 15/20** (2013.01 - EP); **F24F 7/003** (2021.01 - EP US); **B08B 2215/003** (2013.01 - EP); **F24F 2007/001** (2013.01 - EP US); **F24F 2007/002** (2013.01 - EP US)

Citation (examination)

- WO 9313881 A1 19930722 - FUTURUM AB [SE]
- WO 2004090426 A1 20041021 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- EP 1899652 B1 20140409 - ALDES AERAULIQUE [FR]

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CN111780181A; CN112303794A; NL2033133B1; WO2024072213A1

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