

Title (en)

EXTRACTOR HOOD FOR A COOKING DEVICE, AS WELL AS A COOKING DEVICE HAVING AN EXTRACTOR HOOD OF THIS TYPE

Title (de)

DUNSTABZUGSHAUBE FÜR EIN GARGERÄT SOWIE GARGERÄT MIT EINER SOLCHEN DUNSTABZUGSHAUBE

Title (fr)

HOTTE ASPIRANTE POUR UN APPAREIL DE CUISSON, AINSI QU'APPAREIL DE CUISSON ÉQUIPÉ D'UNE HOTTE ASPIRANTE DE CE TYPE

Publication

EP 3347651 B1 20200513 (DE)

Application

EP 16738800 A 20160714

Priority

- DE 202015104361 U 20150818
- DE 202015104362 U 20150818
- EP 2016066816 W 20160714

Abstract (en)

[origin: WO2017029037A1] The present invention relates to an extractor hood (1) that is suitable for extracting the fumes of a cooking device (3) in the form of a combi-steamer, rotisserie or baking oven, comprising: a filter housing (33), with a bottom wall (35), a top wall (37), two lateral walls (39), a rear wall (41), as well as a front wall (43), into which filter housing the gas to be cleaned, in particular a mixture of vapor and steam from the cooking chamber (5) of the cooking device (3) and the ambient air can flow in; an inlet opening (45) arranged substantially obliquely between the bottom wall (35) and the front wall (43), behind which inlet opening a first filter arrangement (47) for filtering or separating fat and particles is arranged; a second filter arrangement (59) located downstream of the first filter arrangement (47) in the flow path of the gas to be cleaned; a fan (63), which can generate a gas volume flow and functions to suction the gas to be cleaned and to output same from the extractor hood (1) after cleaning; and an outlet channel (67) of the cleaned gas, wherein the first filter arrangement (47) is designed as a filter block or filter package formed of three components and has a first component designed as a flame protection filter (49), a second component designed as a sorption separator, in particular as a sponge filter (51), and a third component designed as a filter for fine contaminants, in particular designed as a pocket filter (53), wherein the second filter arrangement (59) is formed of an activated carbon filter, which has a large surface as well as a good flowthrough, and in particular formed by individual activated carbon filter elements (82) having a honeycomb structure (92), and wherein the exhaust air flows into the first filter arrangement (47) together with the ambient air.

IPC 8 full level

F24C 15/20 (2006.01)

CPC (source: EP)

F24C 15/2007 (2013.01); **F24C 15/2035** (2013.01); **F24C 15/2042** (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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2017029037 A1 20170223; EP 3347651 A1 20180718; EP 3347651 B1 20200513

DOCDB simple family (application)

EP 2016066816 W 20160714; EP 16738800 A 20160714