

Title (en)
KITCHEN HOOD

Title (de)
KÜCHENABZUGSHAUBE

Title (fr)
HOTTE DE CUISINE

Publication
EP 2971979 A2 20160120 (EN)

Application
EP 14726219 A 20140311

Priority
• SI 201300057 A 20130314
• SI 2014000013 W 20140311

Abstract (en)
[origin: WO2014142767A2] The object of the invention is a kitchen hood that allows for efficient extraction of exhaust air and installation of a sufficient filtering surface despite a low height of the hood and a low height of an air capturing space within the hood. Unlike typical existing kitchen hoods that are provided with only one row of filters arranged at the rear wall of the hood, the kitchen hood of the invention, if a wall-mounted hood or a hood mounted above one row of thermal elements is in question, is provided with two rows of filters (170, 190) in the central part of the hood, from where a substantial quantity of exhaust air normally originates. The capturing space of the hood for capturing exhaust air is divided into a front capturing space (110) and a rear capturing space (205). The lower inner part of lateral sides of the hood is provided along the entire circumference of the hood, with the exception of the rear side of the hood (210), with narrow slots designed for blowing-in fresh air directly back into the hood in order to prevent potential steam-saturated air from flowing outside the area of the hood. The front blowing-in slot (130) is arranged between the backwards bent lower edge of the lamp holder (135) and the lower edge of the front side (150) of the hood, the construction of which defines also the system for opening the front side of the hood.

IPC 8 full level
F24C 15/20 (2006.01); **E04B 9/02** (2006.01)

CPC (source: EP)
E04B 9/023 (2013.01); **F24C 15/2028** (2013.01); **F24C 15/2035** (2013.01)

Citation (search report)
See references of WO 2014142767A2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014142767 A2 20140918; WO 2014142767 A3 20150108; EP 2971979 A2 20160120; EP 2971979 B1 20201125; SI 24329 A 20140930; SI 24329 B 20220531

DOCDB simple family (application)
SI 2014000013 W 20140311; EP 14726219 A 20140311; SI 201300057 A 20130314