

Title (en)

COOKER HOOD AND ELECTROSTATIC ADSORPTION APPARATUS APPLIED TO COOKER HOOD

Title (de)

DUNSTABZUGSHAUBE UND AN DER DUNSTABZUGSHAUBE ANGEBRACHTE ELEKTROSTATISCHE ADSORPTIONSVORRICHTUNG

Title (fr)

HOTTE DE CUISINIÈRE ET APPAREIL D'ADSORPTION ÉLECTROSTATIQUE APPLIQUÉ À LA HOTTE DE CUISINIÈRE

Publication

**EP 3441680 A1 20190213 (EN)**

Application

**EP 18185443 A 20180725**

Priority

CN 201720976408 U 20170807

Abstract (en)

This application proposes an improved cooker hood and an electrostatic adsorption apparatus (1) applied to the cooker hood. The cooker hood proposed in this application includes an electrostatic adsorption apparatus (1) and a power supply module (2) supplying power to the electrostatic adsorption apparatus (1), and the power supply module (2) includes a power supply circuit and a switching element (12) for controlling on and off of the power supply circuit; when the electrostatic adsorption apparatus (1) is mounted to the cooker hood, the electrostatic adsorption apparatus (1) abuts against the switching element (12), the switching element (12) switches on the power supply circuit, and the electrostatic adsorption apparatus (1) is electrically connected to the power supply circuit; and when the electrostatic adsorption apparatus (1) is detached from the switching element (12), the switching element (12) switches off the power supply circuit. In this way, it can be insured when the electrostatic adsorption apparatus is removed from the cooker hood, the power supply circuit is switched off.

IPC 8 full level

**B03C 3/68** (2006.01); **B03C 3/72** (2006.01); **B03C 3/82** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)

**B03C 3/017** (2013.01); **B03C 3/155** (2013.01); **B03C 3/368** (2013.01); **B03C 3/41** (2013.01); **B03C 3/68** (2013.01); **B03C 3/72** (2013.01); **B03C 3/82** (2013.01); **F24C 15/2021** (2013.01); **F24C 15/2035** (2013.01); **B03C 2201/04** (2013.01)

Citation (search report)

- [X] CN 204987149 U 20160120 - LI FENG
- [A] CN 204665427 U 20150923 - HENGYANG CHUANGXINYIPIN ENVIRONMENTAL TECHNOLOGY CO LTD
- [A] EP 2664857 A1 20131120 - FALMEC S P A [IT]

Cited by

CN110394237A; CN112963878A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3441680 A1 20190213**; **EP 3441680 B1 20220119**; CN 207188002 U 20180406

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