

Title (en)

HEIGHT-ADJUSTABLE DEVICE FOR AN EXTRACTOR HOOD WHICH IS FIXED TO A COVER AND EXTRACTOR

Title (de)

HÖHENVERSTELLEINRICHTUNG FÜR EINE DECKENBEFESTIGTE DUNSTABZUGSHAUBE SOWIE DUNSTABZUGSHAUBE

Title (fr)

DISPOSITIF DE REGLAGE EN HAUTEUR POUR HOTTE ASPIRANT FIXEE AU PLAFOND ET HOTTE ASPIRANTE CORRESPONDANTE

Publication

EP 1784605 A1 20070516 (DE)

Application

EP 05774111 A 20050816

Priority

- EP 2005008880 W 20050816
- DE 102004042291 A 20040901

Abstract (en)

[origin: WO2006024391A1] The invention relates to a height-adjustable device for an extractor hood which is fixed to a cover. Said height-adjustable device comprises at least one guide rail which is provided with notches and a detent pawl which are fixed, in the mounted state of the height-adjustable device, to two parts, which can be displaced in relation to each other, of an extractor hood. The detent pawl can be displaced from an unlocked position, wherein said detent pawl is displaced along the longitudinal axis of the guide rail, into a locked position, wherein the detent pawl is prevented from being displaced along the longitudinal axis of the guide rail. In order to obtain a height-adjustable device for a extractor hood which is fixed to a cover, wherein height-adjustment is facilitated, the detent pawl (26) is engaged in the locked position such that it is prevented from being displaced along the longitudinal axis of the guide rail (24) in one direction (32) and allows said displacement to be carried out in the opposite direction (34). A snapping element is arranged on the detent pawl (26) and the guide rail (24), in the region of the front-sided ends thereof, and comprises an actuation element (24.5, 24.6). When said height-adjustable device is in the mounted state, the detent pawl (26) can be displaced along the longitudinal axis of the guide rail (24) in one direction (32), by means of the co-operation of the snapping element with the one actuation element (24.5), automatically from the unlocking position to the locking position and during displacement in the counter direction (34), by means of the co-operation of the snapping element with the other actuation element (24.6), automatically from the locking position to the locked position.

IPC 8 full level

F24C 15/20 (2006.01)

CPC (source: EP US)

F24C 15/2085 (2013.01 - EP US)

Citation (search report)

See references of WO 2006024391A1

Cited by

DE102008027470A1; WO2018120260A1; WO2018120259A1; TWI836597B; TWI839844B

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004042291 A1 20060302; DE 102004042291 B4 20071011; DE 502005002120 D1 20080110; EP 1784605 A1 20070516; EP 1784605 B1 20071128; US 2009305621 A1 20091210; WO 2006024391 A1 20060309

DOCDB simple family (application)

DE 102004042291 A 20040901; DE 502005002120 T 20050816; EP 05774111 A 20050816; EP 2005008880 W 20050816; US 57445305 A 20050816