

Title (en)

Fume extraction device with self-actuated torque-activated safety coupling

Title (de)

Dunstabzugsvorrichtung mit selbsttätig drehmomentschaltender Sicherheitskupplung

Title (fr)

Dispositif d'aspiration de vapeur doté d'un couplage de sécurité à commutation de couplage automatique

Publication

**EP 2216603 A3 20130220 (DE)**

Application

**EP 10401012 A 20100122**

Priority

DE 102009007530 A 20090204

Abstract (en)

[origin: EP2216603A2] The device has a housing with openings, where smoke and vapor are sucked into the housing via the openings. Covers are associated to the respective openings and close the respective openings. A drive (1) e.g. electrical stepper motor, opens and closes the openings using the covers. Pins (2), a radial thread hole (3), a roller, a transverse pin (6), a shaft (7) and a spring couple the drive with the covers. An automatic torque-changeable safety coupling (C) e.g. friction coupling, decouples the covers from the drive during opening and closing of the openings.

IPC 8 full level

**F24C 15/20** (2006.01); **E06B 7/00** (2006.01)

CPC (source: EP)

**E06B 7/00** (2013.01); **F24C 15/20** (2013.01)

Citation (search report)

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ITPN20130047A1; EP3299725B1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2216603 A2 20100811; EP 2216603 A3 20130220; DE 102009007530 A1 20100805**

DOCDB simple family (application)

**EP 10401012 A 20100122; DE 102009007530 A 20090204**