

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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- [A] DE 2508954 A1 19760909 - NEFF WERKE
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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)

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DOCDB simple family (application)

EP 10401012 A 20100122; DE 102009007530 A 20090204