

Title (en)

Joint assembly for actuating a flap, in particular a smoke exhaust flap

Title (de)

Gelenkanordnung zum Betätigen einer Klappe, insbesondere Rauchabzugsklappe

Title (fr)

Dispositif d'articulation destiné à l'actionnement d'un clapet, en particulier d'un clapet d'aspiration de la fumée

Publication

EP 1847672 B1 20140430 (DE)

Application

EP 07005998 A 20070323

Priority

DE 102006018485 A 20060419

Abstract (en)

[origin: EP1847672A2] A smoke and heat release roof hatch (1) has a spring-operated lever arm pushrod (7) mechanism that pivots (Po) the hatch (1) to open over a turret outlet (15). The pushrod is attached to a supporting lever (10) that swings thru a second pivot axis (P3). The two pivot points (Po, P3) are spaced apart. One end of a supplementary lever (11) is attached to the pushrod (7). One end of a tensile spring (14) is attached (17) to the turret (15) at a point that is further from the first pivot point (Po) than the drive (7) swivel axis (P2). The other end of the spring (14) is attached to the lower part (9) of the pushrod (7).

IPC 8 full level

E05F 1/00 (2006.01); **E05F 5/08** (2006.01); **E05F 15/04** (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)

E04D 13/0355 (2013.01); **E05F 15/53** (2015.01); **E05F 15/63** (2015.01); **E05F 1/006** (2013.01); **E05F 5/08** (2013.01); **E05Y 2201/422** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/488** (2013.01); **E05Y 2900/154** (2013.01)

Cited by

EP2669447A1; CN109270222A; CN116544807A; EP3067295A1

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DOCDB simple family (publication)

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