

Title (en)

Hot gas and fume venting device, particularly for emergency situations.

Title (de)

Rauch- und Wärmeabzugvorrichtung, insbesondere für Notfälle.

Title (fr)

Exutoire de fumées, en particulier pour des situations d'urgence.

Publication

EP 0675254 A1 19951004 (EN)

Application

EP 95104070 A 19950320

Priority

IT BO940134 A 19940328

Abstract (en)

A hot gas and fume venting device comprising a shutter (1) that is pivoted about a horizontal axis (A) to close a skylight-like opening (3), including a supporting beam (4), which is fixed across the opening (3) at right angles to the pivoting axis, and a telescopic jack (6), in which the outer cylinder is articulated to the beam (4) about an axis that lies parallel to the pivoting axis (A) and the innermost cylinder is articulately coupled to a point of the shutter; the jack (6) is positively extendable by means of compressed gas contained in a bottle (39) that is controlled by a smoke and/or hot gas sensor (40) to rotate the shutter (1) from a closed position into an open position, and the jack (6) is provided with a hydraulic shock absorber to allow the controlled descent of the shutter beyond the 90<0> opening position until it reaches the stop position. <IMAGE>

IPC 1-7

E05F 1/00; **A62C 2/24**; **F15B 15/16**

IPC 8 full level

A62C 2/24 (2006.01); **E05F 1/00** (2006.01); **F15B 15/16** (2006.01); **E05F 15/04** (2006.01)

CPC (source: EP)

A62C 2/248 (2013.01); **E05F 15/72** (2015.01); **F15B 15/16** (2013.01); **E05F 15/53** (2015.01); **E05Y 2201/422** (2013.01); **E05Y 2201/448** (2013.01); **E05Y 2900/154** (2013.01)

Citation (search report)

- [XY] NL 7501949 A 19750822 - GRESCHA GES GREFE & SCHARF
- [Y] GB 2261916 A 19930602 - GUERRINI ANGELO [IT]

Cited by

EP0808246A4; NL1005050C2; CN111395903A; WO2013171771A1

Designated contracting state (EPC)

BE CH DE ES FR GB LI NL

DOCDB simple family (publication)

EP 0675254 A1 19951004; **EP 0675254 B1 19980923**; DE 69504888 D1 19981029; DE 69504888 T2 19990304; ES 2124452 T3 19990201; IT 1279377 B1 19971210; IT BO940134 A0 19940328; IT BO940134 A1 19950928

DOCDB simple family (application)

EP 95104070 A 19950320; DE 69504888 T 19950320; ES 95104070 T 19950320; IT BO940134 A 19940328