

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 B1 19980923 (EN)

Application
EP 95104070 A 19950320

Priority
IT BO940134 A 19940328

Abstract (en)
[origin: EP0675254A1] 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° 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
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CPC (source: EP)
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Cited by
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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

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