

Title (en)
Fume venting device

Title (de)
Rauchabzugsvorrichtung

Title (fr)
Exutoire de désenfumage

Publication
EP 0962236 A2 19991208 (FR)

Application
EP 99109340 A 19990531

Priority
• PL 10820198 A 19980530
• PL 10963099 A 19990514

Abstract (en)
The vent comprises a cover (1) connected to an actuator (5) via two lever arms (7,8) pivoting in a clamshell configuration. A spring (9) is mounted to the lever and a mounting cradle (4). The spring biases the cover toward the open position. The fume escape vent composed of a three segment (a,b,c), first lever. At least two of the segments (b,c), in the first lever, are curved in a direction set under an obtuse angle. The balance (7) is mounted so that it is balanced on a fixed axis of a cradle (4). A second lever (8) has three segments (d,e,f), the segments (d,e) are curved in a direction under an obtuse angle and the third segment (f) is curved in the opposite direction under an obtuse angle. The second lever (8) is mounted so that it balanced by the end of the segment (f) on an axis fixed to the cross bar (3) of a cover (1). The actuator is hinged on the cradle and the end of the actuator rod (6) is hinged on the central segment (b) of the balance (7). The drive part (5) and a spring (9) form an interchangeable assembly mounted on the vent chassis (2).

IPC 1-7
A62C 2/24; **E04D 13/035**; **E05F 15/04**; **F24F 7/02**

IPC 8 full level
A62C 2/24 (2006.01); **E04D 13/035** (2006.01); **E05F 15/20** (2006.01); **E05F 15/04** (2006.01); **E05F 15/12** (2006.01)

CPC (source: EP)
A62C 2/248 (2013.01); **E04D 13/0351** (2013.01); **E05F 15/72** (2015.01); **E05F 15/53** (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/422** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2900/154** (2013.01); **F24F 11/34** (2017.12)

Citation (applicant)
• FR 2535443 A1 19840504 - SOUCHIER FAGES [FR]
• EP 0443050 A2 19910828 - GRASL OTTO FA [AT]
• EP 0742325 A1 19961113 - HEXADOME SOC [FR]

Cited by
EP1734214A3; CN109441274A; EP2669458A3; WO2004066043A3

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0962236 A2 19991208

DOCDB simple family (application)
EP 99109340 A 19990531