

Title (en)

Fume venting device for a long barrel-vault

Title (de)

Rauchabzugsvorrichtung für ein langes Tonnengewölbe

Title (fr)

Exutoire de désenfumage pour une voûte cintrée allongée

Publication

**EP 0801183 A1 19971015 (FR)**

Application

**EP 97400843 A 19970414**

Priority

FR 9604598 A 19960412

Abstract (en)

The outlet (4) is for a long semi-circular arch (1) carried by two parallel ridges (2) extending in a longitudinal direction (3). It comprises an arch part (5) extending along the arch width and movable relative to it. An actuator (6) raises this arch part to its outflow position, or lowers it into its sunken position in line with other fixed arch parts (7) to close the opening. On each side of the arch is a section (10) fixed along and under the longitudinal edge (11) of the arch movable part. The underpart is adjacent to the internal face (9) of the corresponding ridge and faces the other ridge in the closed position. Two pivoted cross pieces (12,13) maintain each section in a plane parallel to the internal face of the corresponding ridge. The crosspieces free end slides along a runner (8) on each side of the arch.

Abstract (fr)

L'exutoire (4) comporte, de chaque côté de la voûte (1) : un élément formant glissière (8) ; un profilé (10) fixé le long du côté longitudinal (11) correspondant de l'élément de voûte mobile (5) sous celui-ci ; deux croisillons (12,13) articulés l'un par rapport à l'autre de manière pivotante autour d'un axe transversal (14) par rapport à la voûte (1) et fixés de manière pivotante, respectivement à l'élément formant glissière (8) et au profilé longitudinal (10), et comportant à leur extrémité libre un organe (17) adapté à coulisser respectivement le long de l'autre élément (10,8). <IMAGE>

IPC 1-7

**E04D 13/035**

IPC 8 full level

**E04D 13/035** (2006.01); **F24F 7/02** (2006.01)

CPC (source: EP)

**E04D 13/032** (2013.01); **E04D 13/0358** (2013.01); **F24F 7/02** (2013.01)

Citation (applicant)

EP 0103559 A2 19840321 - POLYMETAL PVBA [BE]

Citation (search report)

- [A] FR 2640474 A1 19900622 - SANWA SHUTTER CORP [JP]
- [A] US 2328659 A 19430907 - GOULD MCKENNA JAY
- [A] EP 0103559 A2 19840321 - POLYMETAL PVBA [BE]
- [A] DE 2910447 A1 19800925 - SCHWARZ ERNST ING GRAD
- [A] US 5158502 A 19921027 - FROST RICHARD [US]

Cited by

FR2777028A1; EP3162977A1; DE102005046578B3; FR2870274A1; EP1484458A1; FR2855842A1; FR2913441A1; EP1967668A3; BE1014531A5; FR2776000A1; EP1967668A2; WO9951833A1

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