

Title (en)

Apparatus for sealing a ventilation, in particular fire or exhaust damper and method of manufacturing the housing and the damper of the apparatus

Title (de)

Abdichtungsvorrichtung für einen Lüftungskanal, insbesondere Brandschutzklappe oder Entlüftungsklappe und Herstellungsverfahren des Gehäuses und der Klappe der Abdichtungsvorrichtung

Title (fr)

Dispositif d'obturation d'un conduit de ventilation, notamment clapet coupe-feu ou volet de désenfumage et procédé de fabrication du tunnel et de la lame du dispositif

Publication

EP 0816774 B1 20020403 (FR)

Application

EP 97420099 A 19970624

Priority

FR 9608148 A 19960624

Abstract (en)

[origin: EP0816774A1] A shutter consists of a plate (4) which pivots inside a surround (2). The plate is made from two identical halves (4a, 4b), fitted together face to face with overlapping edges, and its surround is made from two rectangular members, each having a thickness equivalent to half the plate and joined together to form stops for the plate edges. In a variant of the design the plate and surround can be circular in shape. The plate has spindles at diametrically-opposite edges which engage with matching holes in the surround and allow the shutter to turn about a central pivot for opening and closing. Seals can be included to make the shutter airtight.

IPC 1-7

F24F 13/14; **A62C 2/12**

IPC 8 full level

A62C 2/12 (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP)

A62C 2/12 (2013.01); **F24F 13/1406** (2013.01); **F24F 11/35** (2018.01)

Cited by

EP2181733A1; US6991536B2; EP1519120A1; BE1018315A5; FR2994990A1; GB2369571B; ITVI20080250A1; FR2843032A1; WO0243810A3; EP2239014A1

Designated contracting state (EPC)

AT BE CH DE ES GB IT LI LU NL PT

DOCDB simple family (publication)

EP 0816774 A1 19980107; **EP 0816774 B1 20020403**; AT E215683 T1 20020415; DE 69711501 D1 20020508; DE 69711501 T2 20021031; ES 2172756 T3 20021001; FR 2750200 A1 19971226; FR 2750200 B1 19980807; HK 1007900 A1 19990430; PT 816774 E 20020731

DOCDB simple family (application)

EP 97420099 A 19970624; AT 97420099 T 19970624; DE 69711501 T 19970624; ES 97420099 T 19970624; FR 9608148 A 19960624; HK 98108995 A 19980707; PT 97420099 T 19970624