

Title (en)  
SMOKE DAMPER

Title (de)  
ENTRAUCHUNGSKLAPPE

Title (fr)  
REGULATEUR DE GAZ DE COMBUSTION

Publication  
**EP 1838999 B1 20180214 (EN)**

Application  
**EP 05821511 A 20051222**

Priority  
• FI 2005000545 W 20051222  
• FI 20050049 A 20050117

Abstract (en)  
[origin: WO2006075045A1] A smoke damper is disclosed comprising a substantially rectangular frame installable in a ventilation air duct, the frame having pivotally mounted thereon at least one rotatable slat (2), the slat(s) being rotatable with the help of a separate mechanism by about 90° between an open position and a closed position, the slat having a first long edge (2') and second long edge (2'') as the opposite slat edge relative to the first edge, and the slat further having attached thereto an elastic seal (3) and an intumescent sealant (4), whereby the elastic sealant (4) is attached at least onto the first long edge (2') of the slat so as to extend substantially over the entire length of the slat edge. The invention is implemented by way of attaching the intumescent sealant (4) at least onto the second edge (2'') of at least one slat (2) so as to extend substantially over the entire length of the slat edge and that the intumescent sealant (4) is covered by a continuous-section strip (7) capable of moving outward from said long slat edge under the swelling action of the intumescent sealant.

IPC 8 full level  
**F24F 13/14** (2006.01); **A62C 2/06** (2006.01); **A62C 2/14** (2006.01); **F24F 11/00** (2018.01)

IPC 8 main group level  
**F24F** (2006.01)

CPC (source: EP NO)  
**A62C 2/065** (2013.01 - NO); **A62C 2/14** (2013.01 - EP NO); **F24F 13/14** (2013.01 - EP NO); **A62C 2/065** (2013.01 - EP); **F24F 11/33** (2017.12 - EP); **F24F 13/1406** (2013.01 - EP)

Cited by  
EP3916316A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006075045 A1 20060720**; DK 1838999 T3 20180528; EP 1838999 A1 20071003; EP 1838999 A4 20100609; EP 1838999 B1 20180214; FI 120848 B 20100331; FI 20050049 A0 20050117; FI 20050049 A 20060718; NO 20074196 L 20070816; NO 340152 B1 20170313

DOCDB simple family (application)  
**FI 2005000545 W 20051222**; DK 05821511 T 20051222; EP 05821511 A 20051222; FI 20050049 A 20050117; NO 20074196 A 20070816