

Title (en)
A damper

Title (de)
Brandschutzklappe

Title (fr)
Clapet coupe-feu

Publication
EP 2062617 A1 20090527 (EN)

Application
EP 08252384 A 20080711

Priority
GB 0717018 A 20070801

Abstract (en)
A fire and/or smoke damper for a duct comprises a blade pivotally disposed in a frame for movement between an open position and a closed position in said duct. The blade has a peripheral channel that supports a seal for sealing engagement with the inner surface of the frame. The seal comprises a core of intumescent material and a deformable sleeve surrounding said core with an air gap. The sleeve provides sealing at low temperatures. In the event of a fire the intumescent material expands at high temperatures to maintain the seal but is retained in position by the sleeve.

IPC 8 full level
A62C 2/06 (2006.01); **A62C 2/12** (2006.01)

CPC (source: EP)
A62C 2/065 (2013.01); **A62C 2/12** (2013.01)

Citation (search report)

- [XY] WO 2007068786 A1 20070621 - FLAEKT WOODS AB [SE], et al
- [Y] US 3980272 A 19760914 - NAKAI TAKAO, et al
- [Y] EP 0447944 A1 19910925 - SCHAKO METALLWARENFABRIK [DE]
- [A] DE 29507931 U1 19950810 - WILDEBOER WERNER DIPL ING [DE]
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EP2412409A1; BE1018315A5; GB2473424A; ITMI20101394A1; GB2499818A; GB2499818B; EP2995353A1; WO2022011419A1; EP3984602A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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