

Title (en)

FIRE BARRIER FOR FIRE DAMPER

Title (de)

FLAMMBARRIERE FÜR BRANDSCHUTZKLAPPE

Title (fr)

SÉPARATION IGNIFUGE POUR CLAPET COUPE-FEU

Publication

EP 2089117 A4 20141210 (EN)

Application

EP 07823202 A 20071018

Priority

- FI 2007050565 W 20071018
- FI 20060973 A 20061106

Abstract (en)

[origin: WO2008056029A1] An annular fire barrier flange (3) which is mountable close to the pass-through point of a fire damper on a wall or ceiling structure, where it is adapted about the duct sleeve element (2) of the fire barrier to receive heat conducted along the duct element and further conduct the heat to the wall structure (1) wherein or whereon it is mounted, and which flange (3) has placed thereon a tightening band (4) with a width substantially equal to the thickness of the flange and a length extending substantially about the perimeter of the flange. The invention is implemented by way of placing an intumescent seal (8) between the fire barrier flange (3) and the ventilation duct sleeve (2) so as to substantially encircle the entire inner perimeter of the ventilation duct sleeve.

IPC 8 full level

A62C 2/06 (2006.01); **F16L 5/04** (2006.01)

CPC (source: EP FI)

A62C 2/06 (2013.01 - FI); **A62C 2/065** (2013.01 - EP); **F16L 5/04** (2013.01 - EP FI)

Citation (search report)

- [X] WO 2004015319 A1 20040219 - PROMAT AUSTRALIA PTY LTD [AU], et al
- [X] US 4894966 A 19900123 - BAILEY PAUL R [CA], et al
- [X] WO 9119540 A1 19911226 - DUFAYLITE DEV LTD [GB]
- [X] GB 2334770 A 19990901 - KOVACS LAURENCE KEITH [GB]
- [X] US 4850385 A 19890725 - HARBEKE GEROLD J [US]
- [X] US 5947159 A 19990907 - TAKAHASHI JIRO [JP]
- [A] FI 117189 B 20060731 - FLAECT WOODS AB [SE]
- See references of WO 2008056029A1

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008056029 A1 20080515; EP 2089117 A1 20090819; EP 2089117 A4 20141210; FI 20060973 A0 20061106; FI 20060973 L 20080507; NO 20092187 L 20090608

DOCDB simple family (application)

FI 2007050565 W 20071018; EP 07823202 A 20071018; FI 20060973 A 20061106; NO 20092187 A 20090608