

Title (en)

Smoke evacuation damper comprising a piece of intumescent material

Title (de)

Rauchklappen mit einem Teil aus Intumeszenz-Material

Title (fr)

Amortisseur d'évacuation de fumée comprenant une pièce de matériau intumescent

Publication

EP 2741022 A1 20140611 (EN)

Application

EP 12195500 A 20121204

Priority

EP 12195500 A 20121204

Abstract (en)

A smoke evacuation damper comprising a housing (2) defining a duct (3) for the evacuation of smoke there through from an upstream end (4) of said duct to a downstream end (5) ; a valve (6) mounted in said duct (3) and movable between a open position and a closed position; at least one piece of intumescent material (7,8) provided in the smoke evacuation damper for sealing the valve (6) in the housing (2) when activated, characterized in the smoke evacuation damper further comprises a conductor (9,12) made in a heat conductive material, said conductor contacting the piece of intumescent material (7,8) and extending in a downstream direction from said piece of intumescent material (7,8).

IPC 8 full level

A62C 2/06 (2006.01); **A62C 2/12** (2006.01); **F16L 5/04** (2006.01); **F24F 13/14** (2006.01)

CPC (source: EP)

A62C 2/12 (2013.01); **F24F 13/14** (2013.01); **F24F 13/1406** (2013.01); **F24F 11/35** (2017.12); **F24F 2221/30** (2013.01)

Citation (applicant)

US 4273879 A 19810616 - LANGER ROGER L, et al

Citation (search report)

- [X] EP 0512414 A2 19921111 - SCHAKO METALLWARENFABRIK [DE]
- [X] DE 8435118 U1 19850307
- [X] WO 2007068786 A1 20070621 - FLAEKT WOODS AB [SE], et al
- [X] DE 19705950 A1 19980910 - SCHAKO METALLWARENFABRIK [DE]
- [X] FR 2153480 A1 19730504 - TROX GMBH GEB

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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