Title (en)

Automatically closing fire damper

Title (de)

Selbsttätig schliessende Brandschutzeinrichtung

Title (fr)

Clapet coupe-feu à fermeture automatique

Publication

EP 0890372 A3 20001108 (DE)

Application

EP 98250255 A 19980711

Priority

DE 19731180 A 19970711

Abstract (en)

[origin: EP0890372A2] At least one swivel mounted shut-off element (1) swivels from an open position parallel with the duct-passage (9) when a fusible soldered body (3) releases the lock under the effect of heat, into a closed position across the duct's axis. The shut-off element has a hinged connection or a spring element (2), pre-tensioned in an open position. The spring element or hinged connection have a bend or recess containing the soldered body and in the form of a holder with U-shaped cavity (2.1).

IPC 1-7

A62C 2/06

IPC 8 full level

A62C 2/06 (2006.01)

CPC (source: EP)

A62C 2/14 (2013.01); **A62C 2/242** (2013.01); **F24F 13/1413** (2013.01); F24F 11/35 (2017.12)

Citation (search report)

- [A] US 4136707 A 19790130 - GAILLOT JEAN-PAUL, et al
- [A] DE 19600369 A1 19970116 - BARTHOLOMAEUS GERT [DE]
- [AD] DE 19627987 A1 19970116 - BARTHOLOMAEUS GERT [DE]
- [A] EP 0506497 A1 19920930 - ROBERTSON ERIC B [US], et al

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EP3666344A1; EP1374953A1; NL1020887C2; GB2557865A; GB2557865B; AU2016200823B2; DE102017006661A1; DE102017006661B4; EP3297735A4; KR102541030B1; WO2020120107A1; WO2014173584A1; US10323856B2; US11105530B2; WO2021024002A1; WO2022011418A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0890372 A2 19990113; **EP 0890372 A3 20001108**; DE 19731180 A1 19990114; DE 19731180 C2 20030522

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EP 98250255 A 19980711; DE 19731180 A 19970711