

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

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