Title (en)
Fire damper

Title (de)
Brandschutzeinrichtung für Lüftungsrohre

Title (fr)
Clapet coupe-feu

Publication
EP 0824940 A3 19990707 (DE)

Application
EP 96116119 A 19961009

Priority
• DE 29614647 U 19960823
• DE 29614941 U 19960828

Abstract (en)
[origin: EP0824940A2] A closure flap (18) made of sprung steel sheet remains open when not in use and is parallel to the axis of a fireproof-lined pipe. A release (22) is triggered off at a pre-set higher temperature lower than the temperature at which the fireproof lining foams (14,15). The closure flap automatically moves into a position closing the pipe when released. The top part (18a) of the closure flap is held fast, while the bottom end of the closure flap is joined to a rigid part of the pipe by means of a soldered link which when it melts, moves the closure flap into a closed position. The top part of the closure flap is fixed by fixtures (19) such as screws to a bracket (20,20a).

IPC 1-7
A62C 2/12

IPC 8 full level
A62C 2/06 (2006.01); A62C 2/12 (2006.01); F24F 13/02 (2006.01); F24F 13/14 (2006.01)

CPC (source: EP)
A62C 2/065 (2013.01); A62C 2/12 (2013.01); F24F 13/02 (2013.01); F24F 13/14 (2013.01); F24F 13/1413 (2013.01); F24F 13/1486 (2013.01); F24F 11/35 (2017.12); F24F 2221/186 (2013.01)

Citation (search report)
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Designated contracting state (EPC)
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