

Title (en)

Heat-activated closure device for pipe openings in walls.

Title (de)

Auf Wärme ansprechende Schliessvorrichtung für Rohrdurchgänge in Mauern.

Title (fr)

Coupe-feu pour ouvertures de passage des conduites plastiques.

Publication

EP 0158452 A2 19851016 (EN)

Application

EP 85301767 A 19850314

Priority

GB 8406621 A 19840314

Abstract (en)

A device (21) for closing an aperture (31) in a partition (30) through which aperture a plastic pipe (32) passes, when the pipe is subjected to elevated temperature causing the wall of the pipe to soften, comprises at least one closure member or shutter (25) for mounting adjacent the wall of the pipe and externally of the pipe; and means (27) acting on the or each closure member or shutter to urge said member or shutter inwardly to effect closure of the aperture; the or each closure member or shutter being adapted (at edge 29) to cut through the pipe when the pipe softens at elevated temperature and/or the device further comprising a thermal link (26) connected to the or each closure member or shutter for maintaining the closure member or shutter offset from the pipe under normal conditions, the thermal link releasing the closure member or shutter when subject to a temperature exceeding a predetermined value so that said means causes the closure member(s) or shutter(s) to effect closure of the aperture.

IPC 1-7

A62C 3/14

IPC 8 full level

A62C 2/24 (2006.01); **A62C 2/18** (2006.01)

CPC (source: EP)

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Cited by

FR2607017A1; EP1684026A1; DE102004029276A1; EP0253791A3; CN111228686A; US6540365B1

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