

Title (en)
Fire-resistant closure element and its manufacturing method

Title (de)
Feuerabschlusselement und Verfahren zur Herstellung

Title (fr)
Élément de fermeture coupe-feu et son procédé de fabrication

Publication
EP 1533462 B2 20200513 (DE)

Application
EP 04025822 A 20041029

Priority
DE 10354221 A 20031120

Abstract (en)
[origin: EP1533462A2] Fire-protection sealing element comprises a casing enclosing a cavity, and insulation (7) introduced into the cavity for heat insulation and/or cooling of the casing in the event of a fire. The insulation has different designs along the height (h) and width (b) of the fire-protection sealing element so that it conforms with the different temperature requirements along the height and or width of the fire-protection sealing element. An independent claim is also included for the production of the above fire-protection sealing element. Preferred Features: The insulation is formed by several strips (11-13) of glass or mineral wool plates with different apparent densities and/or different amounts of coolant.

IPC 8 full level
E06B 5/16 (2006.01); **A62C 2/06** (2006.01); **E04B 1/94** (2006.01); **A62C 2/12** (2006.01)

CPC (source: EP)
E04B 1/942 (2013.01); **E06B 5/16** (2013.01); **E06B 5/161** (2013.01); **A62C 2/12** (2013.01); **E06B 3/827** (2013.01)

Citation (opposition)
Opponent :

- DE 3023632 A1 19820114 - GRUENZWEIG HARTMANN GLASFASER [DE]
- DE 19912672 A1 20001005 - SCHROEDERS THEO [DE]
- US 4282687 A 19810811 - TELESKIVI PETER F
- DE 10212332 A1 20031016 - ROCKWOOL MINERALWOLLE [DE]
- DE 10212331 A1 20031016 - ROCKWOOL MINERALWOLLE [DE]
- DE 69901611 T2 20021017 - ROCKWOOL INT [DK]
- WO 9002855 A1 19900322 - COMBAL & CO AS [NO]
- EP 0213103 A1 19870304 - LAXA BRUKS AB [SE]

Cited by
WO2013087560A1; EP2261451A3; RU2638211C2; DE102010060840B3; EP1538297A3; DE102018120957A1

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DOCDB simple family (publication)
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