

Title (en)
MULTI-LAYER HEAT BARRIER

Publication
EP 0062486 A3 19830119 (EN)

Application
EP 82301678 A 19820330

Priority
GB 8109822 A 19810330

Abstract (en)
[origin: EP0062486A2] A heat barrier comprises a plurality of layers (2) each of which is formed by a substrate of expanded metal mesh foil (3) which is coated with a heat actuated and resistive intumescent coating. In order to enable rapid and simultaneous intumescence of the coatings on the substrate layers in the event of a fire the layers on the outer side of the barrier comprise substrate meshes which have an aperture size greater than the aperture size of the substrate meshes on the other side or in the centre of the barrier.

IPC 1-7
E04B 1/94

IPC 8 full level
E04B 1/94 (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)
E04B 1/941 (2013.01); **F17C 13/123** (2013.01); **F17C 2203/0304** (2013.01); **F17C 2203/0607** (2013.01); **F17C 2203/0636** (2013.01); **F17C 2203/0646** (2013.01); **F17C 2260/023** (2013.01)

Citation (search report)

- [YD] EP 0010905 A1 19800514 - EXPANDED METAL [GB]
- [Y] GB 723936 A 19550216 - WEST MIDLANDS GAS BOARD, et al
- [A] US 3840425 A 19741008 - FINELLI T, et al
- [A] DE 2605720 A1 19770818 - DUFAYLITE DEV LTD
- [A] GB 1387581 A 19750319 - NAT RES DEV
- [A] GB 1523194 A 19780831 - ADVANCED FIREPROOFING SYST
- [AP] EP 0036284 A2 19810923 - BLEVEX LTD [GB]

Cited by
FR2669229A1; EP0893589A3; WO9612525A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
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