

Title (en)
Fireproof plate material

Title (de)
Feuerbeständiges Plattenmaterial

Title (fr)
Structure de panneau coupe-feu

Publication
EP 0799943 A1 19971008 (EN)

Application
EP 97200997 A 19970407

Priority
NL 1002806 A 19960405

Abstract (en)
A fireproof plate material comprises at least two panels (1,2,3) separated by a cavity (5). A fireproof, or at least fire-inhibiting substance (7) is provided in the cavity (5). The fireproof substance (7) comprises a solid substance which undergoes at least one phase transition in the temperature range from normal ambient temperature to the temperature prevailing in a fire, while the fireproof substance comprises a mixture of solid sodium silicate particles and liquid sodium silicate. <IMAGE>

IPC 1-7
E04B 1/94; **E06B 5/16**

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

CPC (source: EP)
E04B 1/942 (2013.01); **E06B 5/16** (2013.01)

Citation (search report)
• [YA] GB 1387581 A 19750319 - NAT RES DEV
• [XY] EP 0006525 A1 19800109 - BASF AG [DE]
• [A] DE 3217260 A1 19830210 - KNIPSM SAVODPROEKT [BG]

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CN114293724A; WO0149372A1

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BE DE FR GB NL

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