

Title (en)
Armoured fireproof panel

Title (de)
Gepanzerte Brandschutzplatte

Title (fr)
Panneau coupe-feu blindé

Publication
EP 0921263 B1 20031105 (FR)

Application
EP 98403038 A 19981204

Priority
FR 9715401 A 19971205

Abstract (en)
[origin: EP0921263A1] The panel consists of a core (1) and at least one layer of lead (2A) acting as an anti-radiation screen. It also has a thin layer (3) of a heat conducting material with a high melting point, located between the lead layer and the core, designed to disperse the heat produced when the lead layer melts on being subjected to an accidental increase in temperature. The heat conducting layer is of copper and less than 0.6 mm thick to limit the stresses on the core; it is stuck to the lead layer with adhesive. The core of the panel is made from a high-density timber material, e.g. compressed particles. Where it has two layers of lead on either side of the core they are at least 0.4 mm thick.

IPC 1-7
E06B 5/16

IPC 8 full level
E06B 5/16 (2006.01); **E06B 5/18** (2006.01)

CPC (source: EP)
E06B 5/16 (2013.01); **E06B 5/18** (2013.01); **E06B 2003/7025** (2013.01); **E06B 2003/703** (2013.01)

Cited by
CN107060607A; CN107100518A

Designated contracting state (EPC)
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EP 0921263 A1 19990609; **EP 0921263 B1 20031105**; DE 69819452 D1 20031211; DE 69819452 T2 20040916; FR 2772067 A1 19990611; FR 2772067 B1 20000204

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