

Title (en)
Fire protection for structures

Title (de)
Brandschutz an Bauwerken

Title (fr)
Pare-feu sur des constructions

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Application
EP 08005234 A 20080320

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Abstract (en)
The fire protection has a sealing against water, particularly in form of a foil, and has anchors, which are brought into the rock mass to hold tunnel lining. The fasteners are used, which are brought into a side gunite layer, and also hold tunnel lining. A lightweight concrete is provided as gunite and fire protection, which consist a part from plastic foam particles, and holds a fire load of 1000 degrees celsius for 90 minutes. The expanded polystyrene particles are provided, which has an adhesion mediator at the surface.

Abstract (de)
Nach der Erfindung ist der Tunnelausbau für Eisenbahntunnel und/oder Verkehrstunnel innen mit einem Leichtbeton als Brandschutz versehen.

IPC 8 full level
E21D 11/38 (2006.01)

CPC (source: EP)
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