

Title (en)  
FIRE BARRIER

Title (de)  
BRANDSCHUTZELEMENT

Title (fr)  
ELEMENT COUPE-FEU

Publication  
**EP 0966578 A1 19991229 (EN)**

Application  
**EP 97904821 A 19970107**

Priority  
US 9700890 W 19970107

Abstract (en)  
[origin: WO9830764A1] A fire barrier (12) for use in dynamic voids to seal against the spread of fire. Flexible foil-backed insulation material (22) is supported by a woven metallic support screen (18) positioned in the void. As the surfaces (14, 16) defining the void undergo relative movement, the ability of the individual wire elements of the screen (18) to move in a scissor-like fashion relative to one another allows the screen to distort laterally without shearing, wrinkling, or buckling while the insulation material (22) floating thereon is effectively isolated from any shear forces. The foil backing (20, 24) allows the insulation (22) to freely shift relative to the support screen (18).

IPC 1-7  
**E04B 1/78**

IPC 8 full level  
**E04B 1/94** (2006.01)

CPC (source: EP)  
**E04B 1/948** (2013.01)

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