

Title (en)  
FIREPROOF DOORS INSERT WITH SILICA SOL

Publication  
**EP 0353540 A3 19911211 (DE)**

Application  
**EP 89113178 A 19890718**

Priority  
DE 3824598 A 19880719

Abstract (en)  
[origin: EP0353540A2] A fire-resisting wall element (1) reducing heat transition and with at least two insulating layers (2, 2a) made from bound mineral wool contains a layer (3) arranged between the insulating layers (2, 2a) which is produced from a mixture of a dehydrating hydroxide and an inorganic binder such as water glass or silica sol. The layer (3) increases the fire resistance of the wall element (1) which is therefore particularly suited as an insert for a fire-check door. <IMAGE>

IPC 1-7  
**E04B 1/80**

IPC 8 full level  
**E04B 1/80** (2006.01); **E04B 1/94** (2006.01)

CPC (source: EP)  
**E04B 1/80** (2013.01); **E06B 5/16** (2013.01); **E06B 2003/7042** (2013.01)

Citation (search report)

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- [Y] EP 0222298 A2 19870520 - BAYER AG [DE]
- [A] DE 7321823 U

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

DOCDB simple family (publication)  
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