

Title (en)

Fireproof doors insert with silica sol.

Title (de)

Einlage für Feuerschutztüren mit Kieselisol.

Title (fr)

Garniture pour portes coupe-feux comportant un sol de silice.

Publication

**EP 0353540 B1 19941005 (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 1/94**; **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)

Cited by

EP0741003A1; EP1900884A1; CH706060A1; NL2016698A; ITMO20120297A1; CZ302619B6; EP1097807A3; US2023282924A1; DE19546980A1; DE19546980C2; ES2102969A1; EP1239093A3; WO2008047185A3; EP1355015B1; EP0684348B1

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