

Title (en)

Fireproof doors insert with silica sol.

Title (de)

Einlage für Feuerschutztüren mit Kieselöl.

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

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

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0353540 A2 19900207; **EP 0353540 A3 19911211**; **EP 0353540 B1 19941005**; **EP 0353540 B2 19971229**; AT E112601 T1 19941015; DE 3824598 A1 19900125; DE 58908472 D1 19941110; DK 354289 A 19900120; DK 354289 D0 19890718

DOCDB simple family (application)

EP 89113178 A 19890718; AT 89113178 T 19890718; DE 3824598 A 19880719; DE 58908472 T 19890718; DK 354289 A 19890718