

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)
• [Y] DE 3510935 A1 19861009 - GRUENZWEIG HARTMANN GLASFASER [DE]
• [Y] EP 0222298 A2 19870520 - BAYER AG [DE]
• [A] DE 7321823 U

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

Designated contracting state (EPC)
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