

Title (en)
FIRE-PROOF DOOR

Publication
EP 0388773 A3 19901219 (DE)

Application
EP 90104788 A 19900314

Priority
DE 3909638 A 19890323

Abstract (en)
[origin: EP0388774A2] The fire-proof door is formed from a box-shaped door leaf (1) which encloses mineral-fibre panels (5). The visible sides of the door leaf (1) consist of two cover plates (2, 3), and the end faces are formed with a frame (4). A gap between edges (6) of angled edge strips (7) of the cover plates (2, 3) is bridged by the frame (4). Longitudinal edge strips (14) of the frame (4), which are angled in the interior of the door leaf (1), engage in grooves (15) provided in end faces of the mineral-fibre panels (5). The profile of the frame (4) is provided in its central region with a groove (8) which is open to the outside and in which are provided a strip (10) which foams under the action of heat, and a plaster channel (11). The frame (4) holds the mineral-fibre panels (5) at a parallel spacing, so that these parts form a compact, pre-manufacturable construction unit to which the cover plates (2, 3) can be positively attached at both sides. <IMAGE>

IPC 1-7
E06B 5/16

IPC 8 full level
E06B 5/16 (2006.01)

CPC (source: EP)
E06B 5/164 (2013.01)

Citation (search report)

- [A] BE 903877 A 19860617 - INOXYTRA S A
- [A] BE 900741 A 19850201 - VANDERPLANCK METALWORKS S A
- [A] DE 8801361 U1 19880324
- [A] GB 2198775 A 19880622 - ICI PLC
- [A] DE 8624046 U1 19861106
- [AD] DE 3423550 C1 19850418 - HOERMANN KG FREISEN
- [A] FR 2159704 A5 19730622 - GUBRI MICHEL
- [A] FR 2433094 A1 19800307 - FICHET BAUCHE
- [A] EP 0050517 A1 19820428 - DIXON INTERNATIONAL LTD [GB]
- [A] DE 3305639 A1 19831013 - SCHROEDERS THEO [DE]

Cited by
GB2365051A; EP0730079A1; GB2270495A; EP0447944A1

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

DOCDB simple family (publication)
EP 0388774 A2 19900926; EP 0388774 A3 19901219; EP 0388774 B1 19930922; AT E82036 T1 19921115; AT E94945 T1 19931015; DE 59000421 D1 19921210; DE 59002787 D1 19931028; EP 0388773 A2 19900926; EP 0388773 A3 19901219; EP 0388773 B1 19921104; ES 2035669 T3 19930416; PT 93543 A 19911031; PT 93543 B 19960531; PT 93544 A 19911031

DOCDB simple family (application)
EP 90104789 A 19900314; AT 90104788 T 19900314; AT 90104789 T 19900314; DE 59000421 T 19900314; DE 59002787 T 19900314; EP 90104788 A 19900314; ES 90104788 T 19900314; PT 9354390 A 19900322; PT 9354490 A 19900322