

Title (en)
FIRE BARRIER UNIT WITH A GLASS PANE AND A METAL FRAME

Publication
EP 0401555 B1 19921209 (DE)

Application
EP 90109098 A 19900515

Priority
DE 3918158 A 19890603

Abstract (en)
[origin: US5135788A] A glass pane has a pair of opposite faces and an outer edge and is held in a structural channel forming a groove by an adapter. The adapter is formed in part by respective metallic edge strips each having an inner portion overlying a respective face of the pane and an outer portion projecting outward therefrom and into the groove. The outer edge of the pane is spaced from the channel and lies wholly outside the groove. Inner portions of the strips are secured to the respective faces of the pane and a nonmetallic bar is secured between the outer portions of the edge strips and engaged in the groove. The strips are secured to the glass by an adhesive and each strip includes a perforate under strip adhered to the glass and an imperforate cover strip adhered atop the under strip. The adhesive has a silicone or water-glass base and is quite resistant to heat.

IPC 1-7
E06B 5/16

IPC 8 full level
E06B 3/56 (2006.01); **E06B 3/58** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP US)
E06B 5/165 (2013.01 - EP US); **Y10S 49/01** (2013.01 - EP US); **Y10S 428/92** (2013.01 - EP US); **Y10S 428/921** (2013.01 - EP US); **Y10T 428/24008** (2015.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/24331** (2015.01 - EP US); **Y10T 428/24339** (2015.01 - EP US); **Y10T 428/24347** (2015.01 - EP US); **Y10T 428/24777** (2015.01 - EP US)

Cited by
DE102007000905B3; BG64631B1; BG64758B1; WO0107727A1; US6421968B2; LT4883B; WO0107746A1; US6606831B2; LT4987B; WO0107745A2; US6981351B2; LT4937B; WO0107744A1; US6668499B2; LT4889B

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

DOCDB simple family (publication)
US 5135788 A 19920804; AT E83295 T1 19921215; AU 5579690 A 19901206; AU 626055 B2 19920723; CA 2017977 A1 19901203; DE 3918158 C1 19900726; DE 59000569 D1 19930121; DK 0401555 T3 19930201; EP 0401555 A2 19901212; EP 0401555 A3 19911218; EP 0401555 B1 19921209; ES 2036866 T3 19930601; GR 3006817 T3 19930630; JP H0396586 A 19910422; NO 902438 D0 19900601; NO 902438 L 19901204; NZ 233850 A 19920826; ZA 903946 B 19910327

DOCDB simple family (application)
US 53055090 A 19900529; AT 90109098 T 19900515; AU 5579690 A 19900523; CA 2017977 A 19900601; DE 3918158 A 19890603; DE 59000569 T 19900515; DK 90109098 T 19900515; EP 90109098 A 19900515; ES 90109098 T 19900515; GR 930400072 T 19930115; JP 14172690 A 19900601; NO 902438 A 19900601; NZ 23385090 A 19900529; ZA 903946 A 19900522