

Title (en)
Glazed fire resistant door

Title (de)
Verglaste Feuerschutz-Tür

Title (fr)
Porte coupe-feu vitrée

Publication
EP 1586734 B1 20110216 (DE)

Application
EP 05005417 A 20050311

Priority
• DE 102004018102 A 20040414
• DE 102004039416 A 20040813

Abstract (en)
[origin: EP1586734A2] A glazed fire retarding door has a metal frame construction with an aperture fitted with two glass panes separated by spacers (17). At least one of the panes (15) is fire retarding, e.g. F15 to F90, while the other pane (16) can be a cost saving safety glass. The spacers (17) are selected to match the thickness of the door, with the outer surfaces of the panes either flush with the door or recessed no further than 5 mm. The door has a sandwich construction with outer steel layers (8, 9) and a fire retarding filling (11).

IPC 8 full level
E06B 5/16 (2006.01); **E06B 3/58** (2006.01); **E06B 3/263** (2006.01); **E06B 3/54** (2006.01)

CPC (source: EP)
E06B 3/5892 (2013.01); **E06B 5/162** (2013.01); **E06B 3/2634** (2013.01); **E06B 3/5427** (2013.01)

Cited by
DE102010005719A1; GB2536674A; CN103362410A; DE102010005719B4; EP2348184A2

Designated contracting state (EPC)
AT DE ES FR PL

DOCDB simple family (publication)
EP 1586734 A2 20051019; EP 1586734 A3 20070228; EP 1586734 B1 20110216; AT E498760 T1 20110315; DE 102004039416 A1 20051110; DE 502005010971 D1 20110331; PL 1586734 T3 20110729

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