

Title (en)

Fire resistant door provided with a glazing panel and its manufacturing method and system

Title (de)

Verglastes Feuerschutz-Türblatt sowie System und Verfahren zur Herstellung desselben

Title (fr)

Porte coupe-feu vitrée ainsi que son procédé et système de fabrication

Publication

EP 1586734 A3 20070228 (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)

Citation (search report)

- [XY] DE 1683055 A1 19700430 - INVENTIO AG
- [X] DE 20315218 U1 20031218 - EDCO GMBH [DE]
- [Y] DE 10110795 A1 20021002 - SCHROEDERS THEO [DE]
- [A] DE 8437663 U1 19850509
- [A] DE 9211502 U1 19921112

Cited by

DE102010005719A1; CN103362410A; GB2536674A; DE102010005719B4; EP2348184A2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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