

Title (en)  
Doorleaf for a fire door or damper

Title (de)  
Türblatt für eine Brandschutztür oder Brandschutzklappe

Title (fr)  
Vantail pour porte ou clapet coupe-feu

Publication  
**EP 1333147 A3 20040825 (DE)**

Application  
**EP 03002273 A 20030201**

Priority  
DE 10204720 A 20020205

Abstract (en)  
[origin: EP1333147A2] The door panel for a fire protection door or a fire protection flap comprises a box-shaped half shell (4) of steel plate, to which a cover (5) is connected and a door filling (6) of fireproof material. The cover has extending, U-shaped angled edge sections, which a door rabbet (7) in the shape of a hollow body. The rabbet is filled with an inflatable material (8), which on heating expands, bending the rabbet outwards. The expanding material contains vermicular graphite, which is bound with a thermically resistant binder. The box-shaped half shell on at least three peripheral surfaces has outwardly angled edge strips (10), on which the cover locates and is fixed. The angled edge strips are connected to the cover by spot welding.

IPC 1-7  
**E06B 5/16**; **E06B 3/82**

IPC 8 full level  
**A62C 99/00** (2010.01); **E06B 5/16** (2006.01); **E06B 7/16** (2006.01); **E06B 3/82** (2006.01)

CPC (source: EP)  
**E06B 5/16** (2013.01); **E06B 5/164** (2013.01); **E06B 7/16** (2013.01); **E06B 3/827** (2013.01)

Citation (search report)

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- [Y] FR 2661100 A1 19911025 - HAMON [FR]
- [Y] DE 3616549 A1 19871119 - MUELLER KARL EMIL [DE], et al
- [A] DE 2529550 B1 19761230 - HOERMANN KG FREISEN [DE]
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CN102913109A; JP2015113640A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1333147 A2 20030806**; **EP 1333147 A3 20040825**; **EP 1333147 B1 20071107**; AT E377689 T1 20071115; DE 10204720 A1 20030821; DE 20207703 U1 20020905; DE 50308517 D1 20071220; DK 1333147 T3 20080325; ES 2295470 T3 20080416; PL 201570 B1 20090430; PL 358587 A1 20030811; PT 1333147 E 20080220

DOCDB simple family (application)  
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