

Title (en)  
Glazed fire door.

Title (de)  
Glastür für Brandschutzzwecke.

Title (fr)  
Porte coupe-feu vitrée.

Publication  
**EP 0505934 B1 19940518 (DE)**

Application  
**EP 92104847 A 19920320**

Priority  
DE 9103671 U 19910326

Abstract (en)  
[origin: EP0505934A1] The invention relates to a glazed fire door (1), in particular for use inside a fireproof glazing for avoiding the passage of fire and smoke during a fire from one room into another, with at least one fireproof plate (2a, 2b) which contains a foaming agent as protective active ingredient and which is held by a pivotable door frame (7) which has a door profile (8) which is arranged on a perpendicular end surface of the fireproof plate and which, with the glazed door (1) closed, bears via seals (9) against a stationary frame profile (10). In order to produce a simply constructed glazed door (1), the structural parts of which require no additional fireproofing measures, such as for example insulation of the supporting construction, and to reduce the possible heat bridges to a minimum, it is proposed with the invention that the door profile (8) of the door frame (7) is designed as a flat profile which the adjacent abutting surface (13b) of the fireproof plate (2a) adjoins without insulation, forming a narrow gap (14), and that, in the event of fire, the gap (14) is sealed by the foaming agent of the fireproof plate (2b) in a fireproof and smokeproof manner and with simultaneous cooling of the adjoining part of the door profile (8). <IMAGE>

IPC 1-7  
**E06B 5/16**

IPC 8 full level  
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