

Title (en)  
Improvements in or relating to a door.

Title (de)  
Tür.

Title (fr)  
Porte.

Publication  
**EP 0344964 A2 19891206 (EN)**

Application  
**EP 89305257 A 19890524**

Priority  
IE 163288 A 19880530

Abstract (en)  
An element (10) for use as a door frame or part thereof comprises an intumescent strip (20) enclosed in a cured plastics material (11). The element (10) also comprises an element (22) of solid construction. In use, when the intumescent strip (20) is actuated to a temperature between 120°C and 300°C due to heat from a fire, it expands to a volume of at least six times its non-turgid state thereby sealing the element (10) to the fire door (30) and preventing the spread of fire to the other side of the door (30).

IPC 1-7  
**A62C 2/06**; **A62C 3/14**; **E06B 5/16**

IPC 8 full level  
**A62C 2/06** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP)  
**E06B 5/164** (2013.01)

Cited by  
EP0745751A3; GB2535511A; GB2535511B; US6434899B1; WO9740971A1; WO2004005658A1

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AT BE CH DE ES FR GB GR IT LI LU NL SE

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