

Title (en)  
Intumescent seals.

Title (de)  
Expandierende Dichtungstreifen.

Title (fr)  
Joint expansible.

Publication  
**EP 0050517 A1 19820428 (EN)**

Application  
**EP 81304916 A 19811020**

Priority  
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Abstract (en)  
There is provided a seal for sealing a pivotally mounted door against draughts, smoke and fire, the device comprising an elongate holder (1), defining at least two channels (7 and 3) each having an opening, a first of the channels (7) retaining a resilient element (15) having a blade (16) protruding from the opening of the channel and for acting as a draught and smoke seal, the second channel (3) containing intumescent material (20), the intumescent material expanding through the opening (12) of the second channel for forming a fire seal when subjected to high temperature, the blade being at an acute angle to a face (5) of the holder in which the opening of the second channel is provided, the second channel being provided with a baffle (10) extending within the channel and defining a strait (11) intermediate the opening of the channel and an interior chamber (20) of the holder. There is further provided a method of making an intumescent seal comprising: providing a tubular holder (1) having a longitudinal bore or interior chamber (3) defined by a thickened longitudinally extending portion (6) of the holder contiguous with a relatively thin wall (5) of the holder; filling the bore of the holder with solid intumescent material (20); and thereafter removing a longitudinally extending part of said thickened portion (as by a saw cut (8)) thereby to leave part of said thickened portion as a baffle (10) within the holder, the space left by said removed part forming a strait (11) having an opening (12) to the exterior of the holder and an opening (13) to the bore of the holder.

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**E06B 5/16**

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

Citation (search report)  
• FR 2348330 A1 19771110 - DIXON INTERNATIONAL LTD [GB]  
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