

Title (en)  
FIRE RESISTANT EDGE SEAL

Title (de)  
FEUERBESTÄNDIGE KANTENVERSIEGELUNG

Title (fr)  
PANNEAU ISOLANT

Publication  
**EP 1497113 A2 20050119 (EN)**

Application  
**EP 03715285 A 20030319**

Priority  
• IE 0300043 W 20030319  
• IE 20020299 A 20020423

Abstract (en)  
[origin: WO03091016A2] A fire resistant edge seal 100 for sealing a joint between adjacent panels 101, 102 is in the form of a sheet or tape and comprises a resin fabric prepreg backing layer 105 pre-bonded to a layer 106 of intumescent material. In a fire, phenolic resin in the prepreg bonds on to the foam on the foam surface at the panel edge. The prepreg cures to provide a thermal shield to the foam surface that it covers. The combination of a phenolic glass prepreg and an intumescent material provides substantially improved fire protection to the joints between adjacent panels.

IPC 1-7  
**B32B 5/28**; **B32B 27/04**; **E04B 1/94**

IPC 8 full level  
**B32B 5/18** (2006.01); **B32B 5/28** (2006.01); **C09K 3/10** (2006.01); **E04B 1/94** (2006.01); **E04C 2/292** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP US)  
**B32B 5/02** (2013.01 - US); **B32B 5/022** (2013.01 - US); **B32B 5/024** (2013.01 - US); **B32B 5/28** (2013.01 - EP); **C09K 3/1028** (2013.01 - EP); **E04B 1/948** (2013.01 - EP); **E04C 2/292** (2013.01 - EP); **E04F 13/0878** (2013.01 - EP); **B32B 2260/021** (2013.01 - US); **B32B 2260/046** (2013.01 - US); **B32B 2262/101** (2013.01 - US); **B32B 2307/3065** (2013.01 - US); **C09K 2003/1037** (2013.01 - EP); **C09K 2003/1078** (2013.01 - EP)

Citation (search report)  
See references of WO 03091016A2

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 RO SE SI SK TR

DOCDB simple family (publication)  
**WO 03091016 A2 20031106**; **WO 03091016 A3 20040318**; AU 2003219473 A1 20031110; AU 2003219473 B2 20080925; EP 1497113 A2 20050119; GB 0306675 D0 20030430; GB 2388339 A 20031112; GB 2388339 B 20050914; IE 20030202 A1 20031029

DOCDB simple family (application)  
**IE 0300043 W 20030319**; AU 2003219473 A 20030319; EP 03715285 A 20030319; GB 0306675 A 20030324; IE 20030202 A 20030319