

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
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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
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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

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