

Title (en)  
An elongate structural member

Title (de)  
Längliches Trageelement

Title (fr)  
Élément porteur allongé

Publication  
**EP 1031670 A3 20010620 (EN)**

Application  
**EP 00650012 A 20000224**

Priority  
GB 9904317 A 19990226

Abstract (en)  
[origin: EP1031670A2] An elongate structural member 1 for joining support beams 2 of a wall or roof cladding system comprises a rolled tube 3 with an axially extending seam 4. A single piece plastics entrapping member 10 is inserted into opposite end openings 6, 7 of the tube 3. A threaded insert in the form of a nut 11 is held captive in a member 10 at one end opening 6 and a threaded insert in the form of a bolt 12 is held captive in another member 10 at the opposite end opening 7. Each entrapping member 10 comprises a head part 15 which is external of the tube 3 and a shank 16 which is inserted into the tube 3. A circumferentially extending groove 17 is formed between the head 15 and the shank 16 to receive a swaged part 19 of the tube 3, on assembly. <IMAGE>

IPC 1-7  
**E04B 1/58**; **F16B 37/04**

IPC 8 full level  
**E04B 1/58** (2006.01); **E04B 7/02** (2006.01); **E04C 3/02** (2006.01)

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**E04B 1/5843** (2013.01); **E04B 7/024** (2013.01); **E04C 3/02** (2013.01); **E04B 2001/5856** (2013.01); **E04C 2003/026** (2013.01)

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• [DYA] GB 2169678 A 19860716 - WARD BROTHERS  
• [Y] US 3783922 A 19740108 - PETRUS S

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