

Title (en)  
Roof, wall or floor structure.

Title (de)  
Dach-, Wand- oder Bodenstruktur.

Title (fr)  
Structure de toit, mur ou plancher.

Publication  
**EP 0110373 A1 19840613 (EN)**

Application  
**EP 83111944 A 19831129**

Priority  
GB 8234640 A 19821203

Abstract (en)  
A structure comprising at least two structural members (10) and a purlin (12) supported by and extending between the structural members (10) and connected thereto by cleats (13), one fixed to each of said two structural members (10), wherein the purlin (12) comprises a cold rolled section having a pair of spaced side-by-side generally parallel opposed flanges (15a, 15b), each having an inturned lip (16a, 16b) at one edge and the flanges (15a, 15b) being interconnected by a web part (17) at their other edges, the web part (17) comprising a median portion (18) perpendicular to the flanges (15a, 15b) and connected by inclined portions (19a, 19b) to edge portions (20a, 20b) of the web (17) which are connected to the flanges (15a, 15b) to extend perpendicular thereto, and the purlin (12) is connected to the cleats (13) by fasteners (21) engaged with the edge web portions (20a, 20b) of the purlin (12).

IPC 1-7  
**E04C 3/07**; **E04B 1/24**; **E04B 7/02**

IPC 8 full level  
**E04B 1/24** (2006.01); **E04B 5/14** (2006.01); **E04B 7/02** (2006.01); **E04C 3/07** (2006.01)

CPC (source: EP)  
**E04B 1/24** (2013.01); **E04B 5/14** (2013.01); **E04B 7/024** (2013.01); **E04B 2001/2415** (2013.01); **E04B 2001/2448** (2013.01); **E04B 2001/249** (2013.01)

Citation (search report)  
• [A] FR 2107974 A1 19720512 - USS ENG & CONSULT  
• [A] GB 1487244 A 19770928 - VALLOUREC  
• [A] GB 1562688 A 19800312 - WARD BROS LTD  
• [A] AU 484884 B2 19760122

Cited by  
EP0551202A1; CH691394A5; EP0357930A1; EP0332882A1; CN102605899A; DE4301475A1; EP1344876A3; EP1319766A1; FR2833683A1; EP0446158A1; FR2658549A1; WO0149952A1; WO9623939A1

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DOCDB simple family (application)  
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