

Title (en)  
WOOD GIRDER

Publication  
**EP 0051270 A3 19821027 (DE)**

Application  
**EP 81109123 A 19811028**

Priority  
DE 3041370 A 19801103

Abstract (en)  
[origin: US4525974A] A supporting beam includes a first and second parallel spaced apart flange. A lattice web holds the two flanges apart. At one end of the flanges, there is a solid web of wood. The butt end of the solid web has a recess which is profiled for receiving an adapter section. The recess may be triangular or semi-circular or flat walled. The adapter section is symmetric with one half in and the other half projecting out of a recess. When two butt ends of two solid webs are overlain, the respective recesses overlies and an adapter section is disposed in the overlaying recesses. The adapter section and the recesses both extend transversely of the direction between the flanges and fully across the solid web. The abutting solid webs of two beams define a single beam assembly. Respective brackets behind each of the solid webs are clamped together for pushing the solid webs together. In an array of a plurality of the beam assemblies, the brackets may extend across the parallel solid webs of a number of the beam assemblies. Various other clamping arrangements for clamping together the solid webs of two beams of a beam assembly are disclosed, including a screw connection arrangement.

IPC 1-7  
**E04G 17/14**; **E04G 17/02**

IPC 8 full level  
**E04C 3/16** (2006.01); **E04G 17/02** (2006.01); **E04G 17/14** (2006.01)

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**E04C 3/16** (2013.01 - EP US); **E04G 17/02** (2013.01 - EP US); **E04G 17/14** (2013.01 - EP US); **Y10T 403/51** (2015.01 - EP US)

Citation (search report)  
[A] DE 2556301 A1 19770623 - MEYER KELLER NOE SCHALTTECH

Cited by  
DE102017102372B3; DE4013073A1; DE3312561A1; DE202020101369U1

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