

Title (en)  
Structural beam.

Title (de)  
Bauträger.

Title (fr)  
Poutre de construction.

Publication  
**EP 0649949 A1 19950426 (EN)**

Application  
**EP 94203383 A 19910429**

Priority  
• EP 91910592 A 19910429  
• US 51855490 A 19900503  
• US 67454991 A 19910322

Abstract (en)  
The structural beam for building constructions comprises a pair of web members (122) each having a cross section having a center section (124), said center section (124) having a height of approximately thirty-three percent (33 %) of the total height of said elongate structural member cross section, a pair of leg members (126) each angled in the same direction at an acute angle from the center section (124) and a pair of flange mounts (128) each angled from the leg members (126) so as to be parallel to each other; said web members (122) being joined only to each other along their length in facing abutment so that said joined web members (122) form an approximate "X" shape with one of the flange mounts (128) of each of the web members (122) being coplanar with a corresponding flange mount (128) of the other web member (122); a top plate member (30) spanning the respective coplanar flange mounts (128) of the web members (122) and joined thereto along the length of the structural beam; and, a bottom plate member (130) spanning the other respective coplanar flange mounts (128) of the web members (122) and joined thereto along the length of the structural beam. <IMAGE>

IPC 1-7  
**E04C 3/07**

IPC 8 full level  
**E04C 3/06** (2006.01); **E04C 3/07** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04C 3/07** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0421** (2013.01); **E04C 2003/043** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0456** (2013.01); **E04C 2003/046** (2013.01)

Citation (search report)  
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