

Title (en)  
LATTICE BEAM FOR THE PRODUCTION OF MOBILE CONSTRUCTIONS

Title (de)  
GITTERTRÄGER ZUR HERSTELLUNG MOBILER BAUTEN

Title (fr)  
POUTRE EN TREILLIS POUR LA FABRICATION DE CONSTRUCTIONS MOBILES

Publication  
**EP 0973985 B1 20030423 (DE)**

Application  
**EP 98912422 A 19980228**

Priority  
• DE 19714996 A 19970410  
• EP 9801143 W 19980228

Abstract (en)  
[origin: EP1231340A2] Exhibition stands are constructed using a lattice beam comprising several parallel hollow metal sections (1, 2, 3) which are held together by lattice structures. The hollow sections are assembled to form a beam with an isosceles triangular cross-section in which the hollow section (1) at the apex is symmetrical and the two other hollow sections (2,3) are mirror-symmetrical to the plane (5) running between the sides of equal length of the triangle. At least part of the chambers formed in the hollow sections is provided with a slot (15, 18) open to the outside. Preferably, the hollow sections are cubes with an external circular cross section and having internal walls, which partly run radially, connecting to a central core (8).

IPC 1-7  
**E04H 1/12**

IPC 8 full level  
**E04C 3/08** (2006.01); **E04C 3/40** (2006.01); **E04H 1/12** (2006.01); **E04B 1/19** (2006.01); **E04B 1/24** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04C 3/08** (2013.01); **E04C 3/40** (2013.01); **E04H 1/1272** (2013.01); **E04B 1/1909** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/1933** (2013.01); **E04B 2001/1936** (2013.01); **E04B 2001/1951** (2013.01); **E04B 2001/1954** (2013.01); **E04B 2001/196** (2013.01); **E04B 2001/1966** (2013.01); **E04B 2001/199** (2013.01); **E04B 2001/1993** (2013.01); **E04B 2001/2406** (2013.01); **E04B 2001/2472** (2013.01); **E04C 2003/0486** (2013.01); **E04C 2003/0495** (2013.01)

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AT BE CH DE DK ES FI FR GB GR IE IT LI NL PT SE

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**EP 1231340 A2 20020814**; **EP 1231340 A3 20030319**; **EP 1231340 B1 20051012**; AT E238471 T1 20030515; CN 1095914 C 20021211; CN 1252115 A 20000503; CN 1302184 C 20070228; CN 1492116 A 20040428; DE 19714996 A1 19981029; DE 19714996 C2 20010125; DE 59808072 D1 20030528; DE 59813108 D1 20060223; EP 0973985 A1 20000126; EP 0973985 B1 20030423; ES 2196555 T3 20031216; ES 2247221 T3 20060301; HK 1027142 A1 20010105; HK 1049196 A1 20030502; PL 196451 B1 20080131; PL 336113 A1 20000605; SK 135499 A3 20000612; SK 286207 B6 20080506; WO 9845552 A1 19981015

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