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

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Application

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Abstract (en)

[origin: DE19714996A1] The invention relates to a lattice beam consisting of several parallel metal sections (1, 2, 3) held together by trellis structures (4) running obliquely through said sections. The invention is characterized in that three hollow sections (1, 2, 3) are joined to a beam having an isosceles triangle cross-section. The hollow section at the tip of the triangle and the other hollow sections have hollow chambers (9, 10, 11, 12, 13, 14). These chambers are fitted symmetrically in the case of the first hollow section. In the case of the other two hollow sections, the hollow chambers are fitted so as to be mirror-symmetrical to the plane running in the middle between the equal sides. At least some of the hollow chambers of all the hollow profiles have a slit (15) which opens outwards on their outer wall. Thanks to this structure, the lattice beam can be fitted with connectors from known fair and exhibition building systems. Additional elements or decorative plates (17) can also be fitted in simple fashion, the lattice beam thus becoming an aesthetic structural element.

IPC 1-7 (main, further and additional classification)

E04H 1/12

IPC 8 full level (invention and additional information)

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CPC (invention and additional information)

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