

Title (en)
Node jointing system

Title (de)
Verbinderknoten-System

Title (fr)
Système de noeuds jointifs

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Application
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Abstract (en)
The present invention relates to a node jointing system comprising frame rods (1) and node elements (2) suitable for jointing said frame rods, whereby both ends of each frame rod (1) are provided with a hook-like clamp member (3) having a mouth of the clamp member arranged to open orthogonally sideways at the end of the frame rod (1), and said node element (2) being formed by a three-dimensional, hollow structure comprising shank rods (4) of equal length and circular cross section, which shank rods are connected to each other via corner pieces (5) of said node element and to which shank rods (4) further the clamp members (3) of the frame rods can be lockably attached. The invention is characterized in that the node element (2) is formed into a 24-corner polyhedron in which the 48 equal-length edges are formed by said round shank rods (4) which are arranged into three pairs of octagonal parallel rings, each pair of rings being aligned to lay in a principal co-ordinate plane of its own and that said frame rod clamp member (3) has a locking pin (7) which is made spring-loadedly movable in the axial direction of the frame rod (1) so as to partially close the mouth opening (6) of the frame rod clamp member. <IMAGE>

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