Title (en)
System of elements of supporting structure of a three-dimensional framework

Title (de)
Anordnung von Tragstruktur-Elementen eines Raumtragwerkes

Title (fr)
Système d'éléments de structure portante d'ossature tridimensionnelle

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EP 1698745 A2 20060906 (DE)

Application
EP 06012580 A 19990211

Priority
- EP 04013072 A 19990211
- EP 99102598 A 19990211
- DE 19806094 A 19980214

Abstract (en)
The spatial support structure is formed using stems (21) and at least one connection head which exhibits the torsion-proof rod shaped connecting element (35). The arrangement has malleable cast iron connection head which is configured with a connection part (50) and attachment part (80). The connection part is firmly connected with a rod element. The attachment part has contact surfaces which exhibits attachment wall sections for attachment at the stem. The connection head has upper head part (44) and lower head part which are connected with one another as one-piece. A perforated disk is formed between them which reaches upto the connection part, attachment side and slot which opens in the vertical outer surface for inserting over the stem, which is fitted on it. An upper cotter opening (152) is formed in the upper head part and a lower cotter opening in the lower head part. The brace serves as cotter (41) for connecting the scaffolding element. The sidewall parts (46.1,46.2) are formed with the outer vertical surfaces (76.1,76.2), which encloses a wedge angle that takes in, preferably, an eighth part of a full circle.

IPC 8 full level
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CPC (source: EP)
E04G 7/22 (2013.01); **E04G 7/307** (2013.01); **E04G 7/32** (2013.01)

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