

Title (en)

WOODEN STRUT CONSTRUCTION COMPRISING A FIRST STRUT SUPPORT MEMBER AND AT LEAST ONE SECOND STRUT SUPPORT MEMBER, SAID MEMBERS BEING FORCE-LOCKED TOGETHER AT A NODE POINT

Title (de)

STABKONSTRUKTION AUS HOLZ MIT EINEM ERSTEN STABTRAGGLIED UND MINDESTENS EINEM ZWEITEN STABTRAGGLIED, DIE IN EINEM KNOTENPUNKT KRAFTSCHLÜSSIG MITEINANDER VERBUNDEN SIND

Title (fr)

CONSTRUCTION À BARRES EN BOIS COMPORTANT UNE PREMIÈRE BARRE PORTEUSE ET AU MOINS UNE DEUXIÈME BARRE PORTEUSE RELIÉES À FORCE L'UNE À L'AUTRE AU NIVEAU D'UN NOEUD

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Application

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Abstract (en)

[origin: WO2014121946A1] The invention relates to a wooden strut construction comprising a first strut support member and at least one other strut support member, said members being force-locked together at a node point. A moulded body is situated in the region of the node point, said body having a first force transfer surface for connecting the first strut support member and at least one second force transfer surface for connecting the other strut support member. In order to improve the load transfer behaviour of the strut construction and to reduce deformations due to the load, according to the invention the first force transfer surface runs perpendicularly to the longitudinal axis of the first strut support member, at least one cylindrical cavity is located in the moulded body, said cavity running from the first force transfer surface coaxially with or parallel to the longitudinal axis of the first strut support member, at least one bore, which is coaxial with or parallel to the longitudinal axis of the first strut support member, is located in the end of the first strut support member facing towards the first force transfer surface, and a respective strut-type connecting element is anchored in a force-locked manner in both the at least one cylindrical cavity in the moulded body and in the at least one bore in the first strut support member.

IPC 8 full level

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