

Title (en)

Method for production of wooden hollow beams and forms of this beam obtained by this method

Title (de)

Verfahren zur Holzhohlbalckenherstellung und Holzhohlbalckenformen nach diesem Verfahren

Title (fr)

Procédé de fabrication de poutre creuse en bois et les structures de cette poutre obtenues par ce procédé

Publication

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Application

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Abstract (en)

[origin: EP0518246A2] The inventions relate to methods for the production of wooden hollow beams (50) and forms of this beam. Serving as feed stock are round-timber outer parts/slabs from medium and thick round-timber diameters as well as segments/halved timber from the small-timber range. The feed stock/raw material (5) similar to halved timber is preferably profiled conically on three sides in the wet state and is slit (12) to protect against stress/drying cracks. After the drying the polygonal finish profiling is effected and so too is the severing into individual elements (21), the conversions of which lead to a wooden beam (50) with outer solid-timber character and inner hole (51) (wooden hollow beam), or the severing is effected during or after the formation of layers, and composite materials (74, 75, 76) can be embedded in the hollow wooden beams (50) in the most varied processing operations. Similarly, the procedure/method according to the invention takes place to utilise wedge-shaped round-timber centre pieces (3) - as are obtained when sawing parallel to the fibres; or the assembly of only two parts to make "superimposed" ceiling joists/trusses.

IPC 1-7

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Cited by

EP0915213A3; EP0995852A1; EP0933175A3; AT515171A1; AT515171B1; USRE36153E; EP3127669A1; AT2296U1; CN112606151A; EP0549744A4; USRE35327E; US6374881B1; US7225594B2; WO9825740A1; WO0210531A1; WO2011051794A3; WO9962679A1; EP3429811B1

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