

Title (en)
STRUCTURAL SUPPORT ASSEMBLY

Title (de)
STRUKTURELLE STÜTZANORDNUNG

Title (fr)
ENSEMBLE DE SUPPORT STRUCTURAL

Publication
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Application
EP 00911508 A 20000316

Priority
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Abstract (en)
[origin: WO0055442A1] A structural support assembly, more particularly incorporating a joint useful in the preparation of structural support assemblies such as ladders, scaffolds and trusses. The joint has a male member (42) with an open-ended hollow projection which defines an inner wall and an outer wall. The joint also has a wooden female member having a socket defined by a groove in the form of a closed loop having opposing walls. The projection of the male member is fitted in a clearance fit in the socket and is secured therein by a binding material which contacts the inner and outer walls of the projection and the opposing walls of the socket. The binding material also permeates the female member surrounding the socket. A process for the preparation of such structural supports is also described.

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CPC (source: EP)
E06C 1/00 (2013.01); **E06C 7/08** (2013.01); **E06C 7/081** (2013.01); **F16B 11/006** (2013.01)

Citation (search report)
• [XA] CH 673305 A5 19900228 - EMIL ROTH & CO AG
• [YA] DE 19503653 A1 19950803 - LAPPSET GROUP OY [FI]
• [YA] DE 3132828 A1 19830310 - SELL RUDOLF
• [YA] US 5660492 A 19970826 - BATHON LEANDER [DE]
• See references of WO 0055442A1

Designated contracting state (EPC)
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WO 0055442 A1 20000921; AU 3337400 A 20001004; AU 773026 B2 20040513; CA 2366008 A1 20000921; EP 1169523 A1 20020109; EP 1169523 A4 20020515; NZ 334696 A 20020201; ZA 200108396 B 20020731

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