

Title (en)  
STRUCTURAL MEMBER JOINTS

Title (de)  
STRUKTURELEMENT-GELENKE

Title (fr)  
CONNECTEURS D'ELEMENTS STRUCTURELS

Publication  
**EP 1913266 A4 20091028 (EN)**

Application  
**EP 06786944 A 20060711**

Priority  
• US 2006026966 W 20060711  
• US 18904005 A 20050725

Abstract (en)  
[origin: WO2007013905A2] A connector and method for joining one end of a first member such as a wood log or beam to a side of a second member involving metal sleeves secured in aligned holes in a respective member with a protruding one of the sleeve slidable into the other sleeve. A bolt is threaded into an internally threaded element on the inner end of the sleeve in the first member and advanced to pull the members together. The sleeves are secured in the holes with spike features driven out into the surrounding material. Alternatively, a tee connector has a plate portion fitting into a slot extending through aligned holes in the plate and one end of the first member. A cross plate is held against the one side of the other member with thread fasteners.

IPC 8 full level  
**F16B 5/10** (2006.01)

CPC (source: EP)  
**E04B 1/2604** (2013.01); **E04B 1/486** (2013.01); **F16B 13/04** (2013.01); **E04B 2001/2636** (2013.01); **E04B 2001/2668** (2013.01); **F16B 15/003** (2013.01)

Citation (search report)  
• [XA] US 4770581 A 19880913 - LIMBRICK ROBERT W [GB]  
• [A] US 1354549 A 19201005 - GILMER JOHN T  
• [A] DE 3516423 A1 19851107 - MULTIKUNST DESIGN APS [DK]  
• [A] GB 974115 A 19641104 - CARR FASTENER CO LTD  
• [A] GB 2132305 A 19840704 - TURNER & CO N Z LIMITED A R  
• See references of WO 2007013905A2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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