

Title (en)  
Ringdowel connection

Title (de)  
Ringdübel-Verbindung

Title (fr)  
Connection à cheville annulaire

Publication  
**EP 0683303 B1 19980715 (DE)**

Application  
**EP 95105713 A 19950415**

Priority  
DE 9407892 U 19940516

Abstract (en)  
[origin: EP0683303A1] The two parts (16,22) of which at least one is wooden have bores through which a round headed screw (20) is passed and secured by a nut. A ring groove (14) is provided in the wooden part concentrically spaced from the bore. Its axial depth is about 1/5 of its dia. A suitably dimensioned metal sleeve (10) is inserted in the groove without force. The flat surface area in the wooden part between screw and groove is indented by 2 to 3 mm and the indentation contains a metal disc (12) with central opening (24). The metal disc matches the ID of the metal sleeve and can be inserted therein force-free. The metal sleeve can comprise a length of round tubing. The central opening of the metal disc can have the lowest tolerances relative to the screw dia. The sleeve can be supported in any direction on the circumference of the disc and does not deform even with transverse strain. <IMAGE>

IPC 1-7  
**E06C 7/08**

IPC 8 full level  
**E04B 1/48** (2006.01); **E06C 7/08** (2006.01)

CPC (source: EP)  
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