

Title (en)  
Warp beam flange

Title (de)  
Kettbaum-Scheibe

Title (fr)  
Disque d'ensouple

Publication  
**EP 0632151 B1 19970813 (DE)**

Application  
**EP 94108995 A 19940613**

Priority  
DE 9309503 U 19930626

Abstract (en)  
[origin: EP0632151A1] The invention relates to a warp-beam flange with a clamping ring (3), tensionable via at least one clamping screw (8), for the releaseable clamping of the flange (1) screwed together with the clamping ring (3) onto a warp-beam tube. To simplify production, it is proposed, according to the invention, that the clamping ring (3) fastened to the flange outer face (1a) via at least two axial fastening screws (6) be supported directly on the flange outer face (1a) via at least two circumferentially offset bearings (4) forming respectively between them a clamping gap (9) in the form of a segment of a circle, and that at least two axial clamping screws (8) be arranged circumferentially offset in the region of the clamping gaps (9), in such a way that a tightening of the clamping screws (8) in the clamping-gap region reduces the clear axial distance between the clamping ring (3) and the flange outer face (1a) and thereby generates flank pressure in the thread engagement. <IMAGE>

IPC 1-7  
**D02H 13/32**

IPC 8 full level  
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Cited by  
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**DE 9309503 U1 19941110**; CZ 150394 A3 19950118; CZ 284452 B6 19981216; DE 59403706 D1 19970918; EP 0632151 A1 19950104; EP 0632151 B1 19970813; ES 2108335 T3 19971216; PL 174420 B1 19980731; PL 303825 A1 19950109; US 5472245 A 19951205

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