

Title (en)  
Warp beam coupling device

Title (de)  
Kettbaumkupplung

Title (fr)  
Dispositif d'accouplement d'ensouple

Publication  
**EP 0882823 B1 20020731 (DE)**

Application  
**EP 98107342 A 19980422**

Priority  
DE 19724150 A 19970607

Abstract (en)  
[origin: US6015034A] A warp beam coupling for weaving looms is used for the detachable connection and for the transmission of a rotating movement between a warp beam drive and a warp beam tube. The warp beam coupling includes a bearing bell which is driven in a rotating manner by a warp beam drive and is disposed in a warp beam bearing which has a coupling flange which can be connected with a coupling flange provided on the warp beam tube of a warp beam. In order to achieve a playfree and highly loadable connection between the warp beam drive and the warp beam, the coupling flanges are each provided with a serration, and the bearing bell has devices for its axial displacement so that the serrations can be engaged and disengaged. The bearing bell and thus the coupling flange are braced by way of tensioning devices.

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IPC 8 full level  
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**US 8405898 A 19980526**; AT 98107342 T 19980422; DE 19724150 A 19970607; DE 59804963 T 19980422; EP 98107342 A 19980422; ES 98107342 T 19980422; JP 15955298 A 19980608; PT 98107342 T 19980422