

Title (en)  
Warp rearrangement method and device

Title (de)  
Verfahren und Vorrichtung zur Neuordnung der Kette

Title (fr)  
Méthode et dispositif de réarrangement de la chaîne

Publication  
**EP 1273687 A2 20030108 (EN)**

Application  
**EP 02251911 A 20020318**

Priority  
JP 2001163046 A 20010530

Abstract (en)  
A warp rearrangement device includes a multi-layer thread tension mechanism (20) that holds a plurality of warp sheets (12,13), from different warp beams (10,11), together at a warp-beam side holding position (21) and separate (25,26) at the thread tip side of the warp sheets so that the sheets are supported in a radial configuration centered on the warp-beam side holding position (21). A thread separation mechanism (30) separates warp threads (14) one at a time from optionally selected ones of the warp sheets (12,13). A thread end transport mechanism (40) catches the thread end of each separated warp thread and a thread-end holding portion (40a) transports the caught warp threads to a leasing mechanism (50) that leases the warp threads. Transportation is three-dimensional, centered on the warp-beam-side holding position (21), without changing thread length between the warp-beam-side holding position (21) and the thread-end holding portion (40a). A thread end fixing mechanism (60) fixes the thread end of leased warp threads. <IMAGE>

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