

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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