

Title (en)
WARPING MACHINE

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Application
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Abstract (en)
[origin: US4941241A] The invention relates to a warp machine for warping and spooling warp threads, particularly elastic or viscous warp threads. The warp machine according to the present invention includes a warp beam or parallel warp beam for taking up the warp thread and which is mounted to be rotationally driven about a rotary axis and which consists of a cylindrical spool element preferably having two lateral, flange-like warp beam discs. In addition, the machine is equipped with a compression element which is preferably movably mounted in an essentially radial direction to the warp beam which engages between the warp beam discs, and which presses the warp thread against the spool element. According to the present invention, the compression element is formed in two parts from two compression rollers, each of which is mounted only in the area of a frontal side so as to rotate about rotary axes that lie parallel to each other and to the rotary axis of the warp beam in such a manner that the free front side of each compression roller extends toward one of the warp beam discs, and the two compression rollers overlap in an axially central area of the warp beam by an axial length X greater than zero. In this configuration the compression element can have smaller diameter and low gyration mass.

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