

Title (en)
WARPING MACHINE

Publication
EP 0310894 A3 19900516 (DE)

Application
EP 88115744 A 19880924

Priority
DE 3733918 A 19871007

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.

IPC 1-7
D02H 3/00

IPC 8 full level
D02H 3/00 (2006.01)

CPC (source: EP US)
D02H 3/00 (2013.01 - EP US); **D02H 5/00** (2013.01 - EP US)

Citation (search report)
• [Y] US 1587503 A 19260608 - BOLTON JR WRIGHT
• [Y] US 1498764 A 19240624 - THIEL CHARLES P R
• [A] DE 2510517 A1 19760916 - HACOBA TEXTILMASCHINEN

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 0310894 A2 19890412; EP 0310894 A3 19900516; EP 0310894 B1 19930728; DE 3733918 A1 19890420; DE 3882637 D1 19930902; DE 8817001 U1 19910829; US 4941241 A 19900717

DOCDB simple family (application)
EP 88115744 A 19880924; DE 3733918 A 19871007; DE 3882637 T 19880924; DE 8817001 U 19880924; US 25502588 A 19881007