

Title (en)
LOOM WITH EASY-GOING WARP TENSION DEVICE

Publication
EP 0396501 B1 19930818 (DE)

Application
EP 90810265 A 19900403

Priority
CH 167089 A 19890502

Abstract (en)
[origin: EP0396501A1] A tension device (2) of a loom (1) is formed from a tension element (22) mounted rotatably on a plurality of rollers (24') and resting on a drive shaft (21) at a plurality of bearing points (24) distributed over the length of the tension element. The drive shaft (21) is prestressed by a torsion bar (23), on the end (23') of which engages an adjusting mechanism (3) driven by means of an eccentric (33). The tension device (2) consists of only a few parts of small dimensions and it can therefore adapt very quickly to changes in position of the warp yarns (11). It is consequently suitable for high-speed looms, by means of which sensitive warp yarns are processed. <IMAGE>

IPC 1-7
D03D 49/14

IPC 8 full level
D03D 49/14 (2006.01); **D03D 49/22** (2006.01)

CPC (source: EP US)
D03D 49/14 (2013.01 - EP US); **D03D 49/18** (2013.01 - EP)

Citation (examination)
DE 2910528 A1 19791115 - ALSACIENNE CONSTR MECA

Cited by
EP1031652A3; BE1011184A3; US6135162A; EP0937796A1; US6098670A; DE4427129A1; DE4427129C2; DE4427126A1; US5558132A; DE4427126C2; DE19538121C1; EP0771896A1; US5755268A; WO2015049216A1; WO9854386A1

Designated contracting state (EPC)
BE DE FR IT

DOCDB simple family (publication)
EP 0396501 A1 19901107; EP 0396501 B1 19930818; CH 681156 A5 19930129; CN 1023575 C 19940119; CN 1046948 A 19901114; DE 59002365 D1 19930923; JP 2706551 B2 19980128; JP H02293447 A 19901204; RU 2001978 C1 19931030; US 5090453 A 19920225

DOCDB simple family (application)
EP 90810265 A 19900403; CH 167089 A 19890502; CN 90102383 A 19900421; DE 59002365 T 19900403; JP 10276390 A 19900418; SU 4743677 A 19900426; US 51093790 A 19900419