

Title (en)

Device for controlling the warp thread tension and loom using such device

Title (de)

Vorrichtung zur Steuerung eines Webkettenspanners und Webmaschine mit dieser Vorrichtung

Title (fr)

Dispositif pour contrôler la tension des fils de chaîne et métier à tisser avec un tel dispositif

Publication

EP 0841418 B1 20010523 (DE)

Application

EP 96810773 A 19961112

Priority

EP 96810773 A 19961112

Abstract (en)

[origin: EP0841418A1] The mechanism to control the warp tension, in a loom, comprises at least one shut-off (34) in the linking channel between a hydraulic spring unit (21) at the warp tensioner (4), and the hydraulic fluid container (33). Increasing or decreasing the hydraulic fluid volume alters the stiffness of the hydraulic spring unit to define the swing movement range of the warp tensioner.

IPC 1-7

D03D 49/04

IPC 8 full level

D03D 49/12 (2006.01); **D03D 49/04** (2006.01)

CPC (source: EP US)

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Cited by

US6135162A; CN105579632A; WO9914410A3; WO2015049216A1

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EP 0841418 A1 19980513; **EP 0841418 B1 20010523**; DE 59608400 D1 20020117; JP 3875782 B2 20070131; JP H10140442 A 19980526; US 5890519 A 19990406

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EP 96810773 A 19961112; DE 59608400 T 19961112; JP 30727997 A 19971110; US 94740097 A 19971008