

Title (en)

Apparatus for detecting warp tension in a loom.

Title (de)

Vorrichtung zum Detektieren der Kettenspannung in Webmaschinen.

Title (fr)

Dispositif pour détecter la tension des fils de chaîne dans un métier à tisser.

Publication

EP 0537111 A1 19930414 (EN)

Application

EP 92810750 A 19921006

Priority

JP 26409591 A 19911011

Abstract (en)

To provide a warp tension detecting apparatus in a loom which can permit accurate warp let-off controlling by detecting true warp tension. The tension levers (11A, 11B) and easing levers (12A, 12B) are supported on the loom frame by way of the shaft (2a) for integral swinging movement. The back roller (2) is rotatably supported by the shaft (2a), and the tension levers (11A, 11B) carry rotatably at their upper ends the tension roller (3). The arm portions (14A, 14B) of the tension levers have the pressure detectors (15A, 15B) and the tension detecting roll (16). The tension detecting roll (16) is adapted to detect the tension of warp yarns (T1, T2) and transmit the tension to the pressure detectors (15A, 15B). <IMAGE>

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Citation (search report)

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- [A] DE 3833685 A1 19900405 - MERTENS & FROWEIN GMBH & CO KG [DE]
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