

Title (en)

Device to regulate weft yarn tension and recover the weft yarn in looms.

Title (de)

Vorrichtung zur Spannungsregulierung und Rückziehen von Schussgarn in Webmaschinen.

Title (fr)

Dispositif de régulation de la tension de la trame et de rappel de celle-ci sur des machines à tisser.

Publication

EP 0467059 B1 19950222 (EN)

Application

EP 91109117 A 19910604

Priority

IT 2059990 A 19900611

Abstract (en)

[origin: EP0467059A1] A device to regulate weft yarn tension and recover the weft yarn in looms comprises an oscillating lever (1) having a yarn guide (4) at the end which, in the lever rest position, is interposed between two fixed yarn guides (11). According to the invention, the strokes of said lever are controlled by a linear electric motor (3), running under the control of an electronic system associated to the electronic system (9,10) which controls the loom and to a sensor (8) constantly detecting the position of said lever. <IMAGE>

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D03D 47/34

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0972734A1; DE10013625A1; EP0942083A3; EP1072707A1; CN106435964A; US5417251A; EP1783255A1; CN110923930A; EP1405941A1; EP0634509A1; CN107190409A; EP0826806A1; EP1310587A3; EP1016743A1; EP0902109A1; US6026865A; BE1014435A5; EP1233090A1; NL1017378C2; US6095449A; CN102765638A; EP3481979A4; US6418976B2; US7077168B2; US6189576B1; WO0044970A1; WO2018009119A1; WO2008017319A1; WO2020011915A1; US6224009B1; EP3754069A1; WO2020254091A1

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