

Title (en)

WARP LET-OFF CONTROL MECHANISM FOR LOOMS

Publication

**EP 0136389 B1 19861112 (DE)**

Application

**EP 83810441 A 19831003**

Priority

EP 83810441 A 19831003

Abstract (en)

[origin: US4546801A] The control device contains a deflection roll extending over the entire weaving width of the weaving machine, a tensioning beam pivotable about a support beam and also extending over the entire weaving width as well as a sensing roller arranged therebetween and subject to the action of a spring for sensing a portion of the warp threads of the warp, respectively of each partial warp beam. The tensioning beam is subject to the action of a preloaded torsion-bar spring. In this manner a sensing force arises at the sensing roller which can be increased from a first value to a second value according to the position of the tensioning beam. This permits the realization of increased responsiveness of the control device.

IPC 1-7

**D03D 43/10**

IPC 8 full level

**D03D 49/06** (2006.01); **B65H 59/40** (2006.01); **D03D 49/10** (2006.01)

CPC (source: EP US)

**D03D 49/10** (2013.01 - EP US)

Cited by

US5341851A; EP1020551A3; EP0204233A3; EP0682132A1; US5520224A; EP0562214A1; US5305802A; EP0572753A1; EP0396501A1; US5090453A; EP0350447A1; US5014756A

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**EP 83810441 A 19831003**; DE 3367635 T 19831003; JP 20647684 A 19841003; US 65085884 A 19840914