

Title (en)

Method and device for controlling and monitoring the operation of yarn scissors driven by electric motor on looms

Title (de)

Verfahren und Vorrichtung zur Steuerung und Überwachung der Schneidfunktion einer elektromotorisch angetriebenen Fadenschere in Webmaschinen

Title (fr)

Procédé et dispositif pour la commande et le contrôle du fonctionnement de ciseaux à fil actionnés par moteur électrique sur métiers à tisser

Publication

EP 0867543 B1 20010620 (DE)

Application

EP 98103545 A 19980228

Priority

DE 19713089 A 19970327

Abstract (en)

[origin: EP0867543A2] A mechanism to control and monitor a yarn cutter, at a loom, generates at least one electrical signal on rotation of the drive motor shaft, which is passed by the control electronics to the loom control. On the omission of a signal, the weaving action is stopped. Also claimed is an apparatus with a monitor (4) at the shaft of the electromotor (10) or at least at the shaft shrouding. A second monitor (3) is outside the rotating zone of the motor shaft. Both monitors (3,4) register the motor shaft rotation.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1367158A1; EP1498524A3; US8191399B2

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DOCDB simple family (publication)

EP 0867543 A2 19980930; **EP 0867543 A3 19991215**; **EP 0867543 B1 20010620**; AT E202389 T1 20010715; DE 19713089 A1 19981001; DE 19713089 C2 20000727; DE 59800877 D1 20010726; JP 3004624 B2 20000131; JP H10298852 A 19981110; US 6301519 B1 20011009

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EP 98103545 A 19980228; AT 98103545 T 19980228; DE 19713089 A 19970327; DE 59800877 T 19980228; JP 7903698 A 19980326; US 4747398 A 19980325