

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

**D03D 49/70**; **D03D 51/44**

IPC 8 full level

**D03D 49/70** (2006.01); **D03D 51/34** (2006.01); **D03D 51/44** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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