

Title (en)

Abnormality detecting apparatus for weft inserting apparatus in rapier loom

Title (de)

Vorrichtung zum Bestimmen von Fehlern für die Schussfadeneintragsvorrichtung in einer Greiferwebmaschine

Title (fr)

Appareil de détection d'anomalies pour le dispositif d'insertion de trame dans un métier à lances

Publication

**EP 0899368 A1 19990303 (EN)**

Application

**EP 98114461 A 19980730**

Priority

JP 23274697 A 19970828

Abstract (en)

An abnormality detecting apparatus capable of detecting delamination of a surface layer of a rapier band of a weft inserting apparatus for a rapier loom. A pair of position regulating rollers (17; 18) are rotatably supported on a supporting plate (16). The position regulating rollers (17; 18) serve for regulating the position of the rapier band (12) relative to the circumferential surface of a rapier wheel (13), respectively. A pair of limit switches (19; 20) are disposed on the supporting plate (16) at a position corresponding to a wrapping range (E) over which the rapier band is wound around the rapier wheel. Probe rollers (192) of the limit switches are disposed closely to the rapier band (12). Detection ranges of the limit switches (19; 20) are defined in close proximity to a running path of the rapier band (12) within the wrapping range (E). <IMAGE>

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IPC 8 full level

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Citation (search report)

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- [A] EP 0341522 A1 19891115 - VAMATEX SPA [IT]
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