

Title (en)

Weft handling apparatus and method in a jet loom.

Title (de)

Vorrichtung und Verfahren zum Handhaben des Schussfadens in Düsenwebmaschinen.

Title (fr)

Dispositif et procédé de manipulation de fil de trame dans un métier à jet.

Publication

**EP 0559621 A1 19930908**

Application

**EP 93810154 A 19930302**

Priority

JP 4719792 A 19920304

Abstract (en)

To provide an apparatus and a method of feeding a new weft through a weft inserting main nozzle (20) in a jet loom subsequent to occurrence of any weft break, which apparatus and method can prevent the main nozzle from being clogged with a weft to be discarded and also permit the new weft to be passed through the main nozzle (20) rapidly and safely. [STRUCTURE] The method is characterized in that, in the event of occurrence of a weft break between a weft supply cheese (1) and the main nozzle (20), a weft extending along the normal weft passage between a position just upstream of a weft measuring device (12) and the outlet end of the main nozzle (20) is taken out from the weft passage and, thereafter, a new weft extending from the cheese (1') is passed through the weft measuring device and then through the main nozzle (20). The apparatus is characterized in that it includes a weft feeding means (4) and a weft cutter (5) between the weft cheese (1,1') and the weft measuring device (12), and weft discarding means (14) between the weft measuring device (12) and the main nozzle (20). <IMAGE>

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- [X] EP 0362925 A1 19900411 - PICANOL NV [BE]
- [A] EP 0355281 A1 19900228 - NISSAN MOTOR [JP]

Cited by

US5564473A; EP0685585A1

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