

Title (en)

Apparatus and method for feeding a weft yarn.

Title (de)

Vorrichtung und Verfahren zum Zuführen von Schussfaden.

Title (fr)

Dispositif et méthode pour alimenter de fil de trame.

Publication

EP 0544623 A1 19930602 (EN)

Application

EP 92810912 A 19921124

Priority

JP 34029391 A 19911128

Abstract (en)

To draw a cut weft end Y2 into a weft guide nozzle 16 and then to introduce the same weft end Y2 into a weft inserting main nozzle 13 with certainty, thereby stabilizing the operation of feeding the weft properly through the guide nozzle 16 and the main nozzle 13. [STRUCTURE] The weft end Y2 formed by cutting a weft with a weft cutter 22 at a predetermined position is drawn into the weft guide nozzle 16 under the influence of suction force created by high-pressure air flow supplied from the valve VII and thereafter the weft end Y2 is introduced into the main nozzle 13 by a low-pressure air flow supplied from the valve V4 whose pressure is set at an optimum level for insertion of the weft end into the main nozzle 13. <IMAGE>

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D03D 47/34

IPC 8 full level

D03D 51/00 (2006.01); **D03D 47/34** (2006.01)

CPC (source: EP)

D03D 47/34 (2013.01)

Citation (search report)

- [X] EP 0418948 A1 19910327 - PICANOL NV [BE]
- [X] EP 0355281 A1 19900228 - NISSAN MOTOR [JP]
- [AP] EP 0488954 A1 19920603 - TOYODA AUTOMATIC LOOM WORKS [JP]

Cited by

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BE DE FR IT

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