

Title (en)

Device for holding the weft yarn ends in an air jet loom

Title (de)

Halteeinrichtung für die Enden von Schussfäden bei einer Luftdüsenwebmaschine

Title (fr)

Dispositif de retenue des extrémités de fils de trame dans un métier à tisser à jet d'air

Publication

EP 1264921 B1 20060628 (DE)

Application

EP 02009621 A 20020427

Priority

DE 20107885 U 20010510

Abstract (en)

[origin: US2002166599A1] A weft holder device holds the free weft thread ends in an air jet loom, using pressurized air and without requiring a suction device. The body of the device has a tapering opening through which the end of the inserted weft thread extends. The opening tapers into a narrower slot in the beat-up and drawing-off direction. An air flow channel communicates downwardly from the slot. Nozzles blow pressurized air downwardly through the slot and into the channel, to pneumatically push the weft thread ends into the channel, so as to hold the weft thread ends from when they are beat-up and bound into the woven cloth and a catch selvage, until the catch selvage is trimmed from the cloth. The weft holder device may be stationarily mounted at a location between a weft detector and a weft tensioner that are connected to the reed so as to move therewith.

IPC 8 full level

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CPC (source: EP US)

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