

Title (en)

PROCESS AND DEVICE FOR WEFT INSERTION INTO THE SHED OF A LOOM

Publication

EP 0232665 B1 19900411 (FR)

Application

EP 86420308 A 19861223

Priority

FR 8519571 A 19851231

Abstract (en)

[origin: US4756343A] A process for inserting weft lengths into the shed of a loom including a metering-delivering device that supplies a storage member for storing a predetermined length of yarns. The yarn length is caught between the outlet of the delivering device and the storage member in order to be inserted into the shed formed by the warp yarns. The yarn length is then cut and operationally gripped close to the selvedge of the fabric. The cut end of the yarn is held over before being re-introduced in the storage member for the next insertion, the cut end of the yarn being held over in an independent circuit outside the path joining the outlet of the delivering device to the inlet of the storage member. Re-introduction of the yarn into the storage member is performed so that the cut end is re-introduced as a loop unwinding from a fixed point at the outlet of the delivering device as far as the inlet of the storage member under the action of an air stream, the weft yarn being only re-subjected to the action of the delivering device when it has completely unwound and stretched out under the action of a suction nozzle.

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