

Title (en)

WEFT STORING DEVICE FOR A LOOM

Publication

EP 0247967 B1 19900718 (DE)

Application

EP 87810162 A 19870320

Priority

CH 210386 A 19860523

Abstract (en)

[origin: US4744394A] A loom left yarn store receives yarn being supplied from a weft package (5) and makes the stored yarn supply available to be drawn off from the store intermittently for picking into the shed of a loom. The store includes a stationary drum (11) which is supported by way of its outer periphery and which is adapted to receive a yarn supply (51) to be stored. A winding element (14) rotates around the drum periphery (111) and has an element (142) for entraining the weft yarn (52). One or more yarn entraining elements (142) can be brought into and out of operation in accordance with a program and when in operation can wind yarn on the drum periphery (111). The drum (11) is supported by way of its outer periphery horizontally by magnets or vertically by means of brushes. The winding element (14) is a ring which rotates continuously around the drum periphery and from which at least one pin (142) engages periodically in a recess (111) in the drum. The store contains few mechanical means and the retaining or securing elements (142, 152) requiring intermittent actuation are of reduced mass.

IPC 1-7

B65H 51/22; D03D 47/36

IPC 8 full level

D03D 47/36 (2006.01)

CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

EP 0247967 A1 19871202; EP 0247967 B1 19900718; CH 670263 A5 19890531; DE 3763751 D1 19900823; JP S62282042 A 19871207; US 4744394 A 19880517

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EP 87810162 A 19870320; CH 210386 A 19860523; DE 3763751 T 19870320; JP 12566587 A 19870522; US 4615187 A 19870505