

Title (en)
WEFT-METERING DEVICE FOR A LOOM

Publication
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Application
EP 86810317 A 19860715

Priority
CH 175486 A 19860429

Abstract (en)
[origin: US4799517A] A weft yarn store (1) for looms (3) stores weft yarn (2), the yarn coming from a package disposed outside the store, on a stationary drum (13) having a first winding zone (135) and a second winding zone (136). While a first winder (12) winds yarn (21) on to a first winding zone (135) so that a yarn supply (21) is permanently available, the second winder (14) intermittently or variably unwinds yarn from the first winding zone towards a second winding zone (136). In a preferred operation of the store (1) together with a loom (3), yarn which is from the second winding zone (136) and which was deposited there by the second winder (14) is picked into the loom. After consumption of this supply and until the termination of the same pick, yarn is unwound directly from the supply in the first winding zone (135) by means of the second winder (14) and supplied to the loom (3) without intermediate storage. The second winder (14) is driven by an electric motor (144) whose operation is controlled by a control facility (15). Picking at low yarn tensions and with accurate metering of weft yarn length is therefore possible.

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CPC (source: EP US)
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Cited by
EP0330951A1; US5509450A; CN1063722C; US5546994A; DE19839272B4; EP0707102A3; US6257516B1; WO9325742A1; WO9737069A1; WO9528348A1; WO9323595A1

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