

Title (en)

Method and device for controlling the weft stock in weft suppliers for mechanical-pick looms, including means for notifying the color selection

Title (de)

Verfahren und Vorrichtung zum Überwachen der Fadenreserve in Schussfadenliefervorrichtungen für Webmaschinen, mit Mitteln zur Farbauswahlangebe

Title (fr)

Procédé et dispositif pour contrôler la reserve de fil des fournisseurs de trame pour métiers à tisser, comprenant des moyens d'indication du choix de la couleur

Publication

EP 1223138 A3 20031022 (EN)

Application

EP 01205107 A 20011228

Priority

IT TO20010013 A 20010112

Abstract (en)

[origin: EP1223138A2] A method is described for controlling the weft stock in weft supplying devices (P) to mechanical-picking looms (TE'), by restoring the loops unwound from the drum, including means (Can Bus) for real-time transmission of the color selection. The method substantially consists in generating virtual signals (USP'-USP"-etc.) replacing loop-passage signals (USP), starting at the weft picking instant (t1) which follows the instant (t0) of reception of the color selection data transmitted by the transmission means; each of the virtual signals (USP'-etc.) indicating the passage of one loop being unwound from the drum of the supplier (P). <IMAGE>

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CPC (source: EP)

D03D 47/361 (2013.01); **D03D 47/367** (2013.01)

Citation (search report)

- [AD] EP 0401699 A2 19901212 - LGL ELECTRONICS SPA [IT]
- [A] US 4586543 A 19860506 - VOLLAND MICHEL [FR], et al

Cited by

EP2907906A1; CN104843546A; US8175740B2; US9604817B2

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