

Title (en)

METHOD AND DEVICE FOR FEEDING WEFT YARN.

Title (de)

VERFAHREN UND VORRICHTUNG ZUM LIEFERN VON SCHUSSFÄDEN.

Title (fr)

PROCEDE ET DISPOSITIF D'ALIMENTATION EN FILS DE TRAME.

Publication

**EP 0644961 A1 19950329 (DE)**

Application

**EP 93912955 A 19930611**

Priority

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- EP 9301485 W 19930611

Abstract (en)

[origin: WO9325742A1] The invention concerns a method for feeding weft yarn to a loom, each weft yarn being unwound overhead from a spool on a yarn-feed device, within a single stroke of the loom as a function of the operation of a yarn-retention element. The weft yarn is force-fed using the yarn-retention element which is driven to rotate and acts continuously upstream of the yarn take-off point. The yarn-retention element is accelerated and decelerated in accordance with a speed-time curve which determines the rate of feed of yarn to the loom. The invention also concerns a weft yarn feed device in which the yarn-retention element (R) is of lightweight design and is coupled to the rotary drive (A) in such a way that it cannot move radially with respect to the spool axis (11) and so that it continuously crosses the rotational trajectory (U) of the yarn take-off point upstream of the weft yarn (Y) in the direction of rotation (2') of the take-off point, the rotary drive (A) being connected to a control device (8) which produces a speed-time curve (I) which determines the rate of feed to the loom (W).

IPC 1-7

**D03D 47/36**; **B65H 51/22**

IPC 8 full level

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DOCDB simple family (publication)

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