

Title (en)

Weft selecting and feeding device for looms.

Title (de)

Schussfadenauswahl- und Zuführvorrichtung für Webmaschinen.

Title (fr)

Dispositif de sélection et d'alimentation de fil de trame pour métiers à tisser.

Publication

EP 0478986 B1 19941012 (DE)

Application

EP 91115150 A 19910907

Priority

CH 321590 A 19901005

Abstract (en)

[origin: EP0478986A1] The weft selecting and feeding device contains an electronically controllable electric motor 2 having a driving wheel 4 and a deflecting wheel 5 and a toothed belt 6 which loops round these wheels. Yarn feeders 7, 7a are so fastened offset to one another on the two longitudinal strands of the toothed belt 6 that one yarn feeder 7a is in the position of readiness B and the other in the transfer position U. The yarn feeders 7, 7a possess a yarn eye 9, through which the weft yarns 17, 17a run. In the position of readiness B, the weft yarn 14a is outside the take-up region of the weft-insertion member 15; in the transfer position U, the weft yarn 17 is presented to this. According to the particular pattern and in synchronism with the weaving cycle, the electric motor 2 rotates the driving wheel 4 and thereby moves the toothed belt 6, the positions of the yarn feeders 7, 7a being positively interchanged. <IMAGE>

IPC 1-7

D03D 47/38

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP1496145A1; EP0896075A3; DE102006025265A1; DE4325905C1; EP0638677A1; EP0763613A3; EP0598264A1; BE1006347A3; US5400834A; EP0763613A2; US7694697B2

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