

Title (en)

Fabric take-down device for flat knitting machines.

Title (de)

Gestrickabzugsvorrichtung für Flachstrickmaschine.

Title (fr)

Perfectionnements aux systèmes d'étirage de tricot sur machines à tricoter rectilignes.

Publication

EP 0135640 A1 19850403 (FR)

Application

EP 83402539 A 19831227

Priority

ES 524774 A 19830805

Abstract (en)

1. Improvements to systems of stretching knitting on rectilinear knitting machines of the type comprising a plate (7) cooperating with at least one endless belt (5) so as to pinch the knitted pieces, characterised in that the device also comprises a motor roller (1) appropriately synchronised with the machine, and rollers of a relatively small diameter (6) mounted at the exit from the line of needles, the said belt (5) extending between the motor roller and the said rollers and stretched by virtue of the collaboration of auxiliary tensioning rollers (8) assisted by corresponding springs, in such a manner that the knitted pieces are pinched and positively driven in a vertical plane coinciding with the imaginary vertical plane, which is the median plane of the machine, the pinching and positive driving effect coinciding with the working cycles of the machine, the degree of the said pinching and driving effect corresponding to the amount of knitting obtained with each cycle of the machine.

Abstract (fr)

Les perfectionnements sont caractérisés en ce qu'ils consistent à imprimer aux pièces tricotées, à la ligne de sortie des aiguilles de la machine, un effet de pincement avec entraînement repoussant dont la cadence coïncide avec celle des cycles de travail de la machine et dont l'ampleur est celle du tricot obtenu lors de chaque cycle de la machine.

IPC 1-7

D04B 15/90

IPC 8 full level

D04B 15/88 (2006.01); **D04B 15/90** (2006.01)

CPC (source: EP)

D04B 15/90 (2013.01)

Citation (search report)

- [Y] GB 1243661 A 19710825 - COURTAULDS LTD [GB]
- [Y] DE 2648612 A1 19780503 - STOLL & CO H
- [A] FR 2331636 A1 19770610 - STEIGER SA ATELIER CONSTR [CH]
- [A] DE 2427117 A1 19760102 - STOLL & CO H

Cited by

GB2283986A; GB2283986B; EP0310576A1; US4854134A; WO9404735A1; US9639106B2

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

EP 0135640 A1 19850403; **EP 0135640 B1 19890315**; ES 524774 A0 19840616; ES 8405861 A1 19840616; JP H0411661 B2 19920302; JP S6039457 A 19850301

DOCDB simple family (application)

EP 83402539 A 19831227; ES 524774 A 19830805; JP 21316983 A 19831111