

Title (en)

Method for checking the selection of the needles of a needle cylinder in knitting machines particularly for hosiery and the like

Title (de)

Verfahren zur Kontrolle der Auswahl von Nadeln einer Nadelzylinder an Strickmaschinen insbesondere für Strümpfen und dergleichen

Title (fr)

Procédé pour contrôler la sélection d'aiguilles d'un cylindre d'aiguilles dans des métiers à tricoter notamment pour bas et similaires

Publication

EP 0962570 A3 20010801 (EN)

Application

EP 99109276 A 19990527

Priority

IT MI981228 A 19980603

Abstract (en)

[origin: EP0962570A2] A method for checking the selection of the needles of a needle cylinder in knitting machines particularly for hosiery and the like comprising a needle cylinder (1) on the cylindrical surface of which a plurality of axial slots (2) are provided, each of which accommodates a needle (13) and at least one selection element, selectors constituted by permanent magnets and coils which laterally face the needle cylinder (1) at the level of the selection elements and selection (3) and sensor (4) means, the particularity of the method consisting in that it comprises the steps of: determining the relative position of the selection means (3) and of sensor means (4) located alternately with respect to the selection means (3), so as to determine the number of selection elements present between the position of the selection means (3) and the position of the sensor means (4); detecting, through the sensor means (4), the transit of the selection elements selected by the selection means (3); sampling the signals acquired by the sensor means and comparing the sampled signals acquired by the sensor means (4) with the corresponding control signals sent to the selection means (3) in order to check the correct selection of the selection elements. <IMAGE>

IPC 1-7

D04B 15/66; **D04B 35/18**

IPC 8 full level

D04B 15/66 (2006.01)

CPC (source: EP)

D04B 15/66 (2013.01)

Citation (search report)

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- [Y] US 3955384 A 19760511 - HASEGAWA JUNZO, et al
- [A] DE 2248163 A1 19740404 - MORAT GMBH FRANZ
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CN110791870A

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0962570 A2 19991208; **EP 0962570 A3 20010801**; IT MI981228 A1 19991203

DOCDB simple family (application)

EP 99109276 A 19990527; IT MI981228 A 19980603