

Title (en)

Lowering sinker actuation cam set for circular knitting machines for forming standard-terry knitting and sandwich-terry knitting

Title (de)

Senkerplatine-Schlosssystem für Rundstrickmaschinen zum Formen von Standard-Schlingengestrick und Sandwich-Schlingengestrick

Title (fr)

Jeu de cames pour la commande des platines d'abaissement dans des métiers à tricoter circulaires pour la formation de tricot bouclette standard et tricot bouclette sandwich

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Abstract (en)

A set of cams for actuating the lowering sinkers in circular knitting machines, for producing standard-terry knitting and sandwich-terry knitting. The cam set comprises cams (20) and countercams (21,22,23) which form a path (1) for the heels (2a,3a,4a) of the lowering sinkers (2,3,4) which have two lowering planes (7,8,9) arranged at mutually different elevations for at least two yarns (60,61) which are dispensed at a feed of the machine to form loops of terry knitting. The cam set also comprises, in the region of the path (1) that corresponds to the descent of the needles (10) of the needle cylinder (6) to form loops of knitting with the two yarns (60,61) dispensed at a feed of the machine, a cam (40) which can move on command into two operating positions in order to produce at least one variation of the path (1) formed by the cams (20) and countercams (21,22,23). The movable cam (40) has a first profile (40a) which can be engaged by the heels (2a,3a,4a) of the lowering sinkers (2,3,4) and is suitable to produce, when the movable cam (40) is in a first one of the two positions, a spacing of the sinkers (2,3,4) from the axis of the needle cylinder (6) with respect to the path (1) in order to move the yarn (60,61), rested on the lower lowering plane (7) of the lowering sinkers (2,3,4), away from the axis (6a) of the needle cylinder (6). <IMAGE>

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- [A] US 3937037 A 19760210 - MOODY ROBERT J
- [A] FR 692960 A 19301113

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