

Title (en)

TRAVERSING DEVICE FOR YARN WINDING MACHINES WITH VARIABLE YARN-GUIDING STROKE AND STEPLESS COLLECTIVE ADJUSTMENT OF THE FLANGE ANGLES OF THE PACKAGES

Publication

EP 0012937 B1 19830223 (DE)

Application

EP 79105113 A 19791212

Priority

DE 2856014 A 19781223

Abstract (en)

[origin: EP0012937A1] 1. Traversing device in machines for winding threads, ribbons or the like with variable thread guiding stroke, which comprises : a thread guide (1) which is fixed to a swivelling bell crank lever (2), which bell crank lever (2) is moved to and fro by a reverse thread roller or the like, the free end of its other arm being guided in a swivelling guide rail (9 ; 90) in such a way that the reciprocating bell crank lever (2) performs a swivelling movement, while the guide rail (9 ; 90) is swivelled about anode-arm lever (13 ; 130), the pivot (13.2 ; 132) of which is displaceable in dependence on the growing diameter of the package of the bobbin (10) to be wound, and with the one-arm lever (13 ; 130) being subjected to a periodical swivelling movement which is performed by a cam gear (14 to 17 or 160, 170, 171) arranged within a distance from the pivot (13.2 ; 132) of the one-arm lever (13 ; 130), and which is transmitted to the guide rail (9 ; 90), as well as means for varying the amount of the swivelling movement performed by the said guide rail (9 ; 90), characterized by the fact that the means for varying the amount of the swivelling movement performed by the said guide rail (9 ; 90) comprises a support member (18 ; 180) which is arranged between the one-arm lever (13 ; 130) and the said guide rail (9 ; 90) and whose distance from the pivot (13.2 ; 132) of the one-arm lever (13 ; 130) is adjusted by means of a displaceable guide bar (20 ; 200), onto which the support member (18 ; 180) is mounted to move in the direction of the swivelling movement of the one-arm lever (13 ; 130).

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IPC 8 full level

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CPC (source: EP)

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