

Title (en)

METHOD OF WINDING A YARN ON TO A CROSS-WOUND BOBBIN

Title (de)

VERFAHREN ZUM AUFWICKELN EINES FADENS ZU EINER KREUZSPULE

Title (fr)

PROCEDE POUR L'ENROULEMENT D'UN FIL EN UNE BOBINE CROISEE

Publication

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Application

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Abstract (en)

[origin: WO9505333A1] Described is a method of winding a yarn (1), fed at constant speed by a feed mechanism, on to a cross-wound bobbin (4). The method calls for the drives (6, 8) for the bobbin spindle (5) and for the cross-winding device (3) to be controlled by frequency converters (30) controlled in turn by a bobbin control unit (14). In addition, the change in rpm as the bobbin diameter increases is controlled by a yarn-tension sensor (2). The correction of the frequencies of the power supply to the drives (6, 8) is carried out in such a way that a prescribed angle is maintained for the yarn being wound on to the bobbin (4) and the variation in yarn tension follows a prescribed pattern.

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