

## Title (en)

METHOD AND APPARATUS FOR TRANSFERRING A YARN TO A WINDING STATION OF A TEXTILE MACHINE

## Publication

**EP 0417599 A3 19920102 (DE)**

## Application

**EP 90116920 A 19900904**

## Priority

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## Abstract (en)

[origin: EP0417599A2] After a yarn interruption and a subsequent restoration of the yarn connection at the winding station of a textile machine, the yarn has to be transferred into its normal yarn running position on the yarn guide of the winding station. But the transfer of the yarn usually does not take place in synchronism with the movement of the yarn guide, and therefore the yarn may be deposited at one and the same point on the bobbin for some time. The thick places occurring thereby can lead to difficulties in the unwinding of cross-wound bobbins. <??>It is proposed so to coordinate the movement of the transferring yarn and the traversing movement of the yarn guide with one another that, for the yarn transfer, the yarn and the yarn guide arrive essentially simultaneously at the transfer point of the yarn. The exact transfer of the yarn to the yarn guide is obtained by means (34, 35, 36) for monitoring the feed movement of the yarn (5b) to the transfer point and means (42, 43) for monitoring the traversing movement of the yarn guide (11), which are connected to control devices (33, 39). <IMAGE>

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**D01H 15/013**

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## Citation (search report)

- [AD] DE 2620805 A1 19771201 - SCHLAFHORST & CO W
- [A] DE 3718924 A1 19871210 - MURATA MACHINERY LTD [JP]
- [A] EP 0274016 A2 19880713 - SCHUBERT & SALZER MASCHINEN [DE]
- [A] DE 2625805 A1 19761216 - NIPPON SELEN CO LTD

## Cited by

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## Designated contracting state (EPC)

CH DE FR IT LI

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**EP 0417599 A2 19910320**; **EP 0417599 A3 19920102**; **EP 0417599 B1 19940413**; DE 3930136 A1 19910321; DE 59005339 D1 19940519; JP 2895192 B2 19990524; JP H03167325 A 19910719; US 5159804 A 19921103

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