

Title (en)

A process and a device for winding thread on a cop that lacks the thread length necessary for automatic reconnection in a ring spinning machine.

Title (de)

Verfahren und Vorrichtung zum Aufwickeln eines Fadens auf eine Spule, der es an einer genügenden Fadenlänge zur automatischen Wiederverbindung mangelt, in einer Ringspinnmaschine.

Title (fr)

Procédé et dispositif de bobinage du fil sur une bobine qui manque d'une longueur de fil nécessaire à la reconnexion automatique dans un métier à filer à anneau.

Publication

EP 0321019 A1 19890621 (EN)

Application

EP 88202767 A 19881202

Priority

IT 2308287 A 19871218

Abstract (en)

The present invention relates to a procedure for placing a spare or reserve winding consisting of a number of coils on a cop (2) that lacks wound thread or lacks thread wound of sufficient length for being suitable to the operation of automatic reconnection with the small bundle of textile fibers coming out of the last pair of drawing rollers, and it also relates to a device for carrying this procedure into effect. More particularly, said device comprises an auxiliary pivot (6) which is driven for rotation and is arranged near an auxiliary spool (3) which last is laterally provided with a reciprocating thread guide (9). Said device also comprises a variable profile radial cam (21) for guiding the nippers or gripping tools (15) into a number of operative positions.

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D01H 15/00

IPC 8 full level

D01H 15/013 (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] DE 2612660 A1 19770407 - COGNETEX SPA
- [A] FR 1582077 A 19690926
- [A] DE 1932014 A1 19700102 - PARKS CRAMER CO

Cited by

EP3527703A1; CN110158214A; CH714658A1

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