

Title (en)

Method to automatically re-connect the forming yarn in a spinning machine and relative device

Title (de)

Verfahren und Vorrichtung zum Wiederverbinden des formierenden Garnes in einer Spinnmaschine

Title (fr)

Procédé et appareil pour le raccordement automatique d'un fil au stade de formation dans un métier à filer

Publication

**EP 0960964 A1 19991201 (EN)**

Application

**EP 99110098 A 19990525**

Priority

IT UD980088 A 19980527

Abstract (en)

Method to automatically re-connect the forming yarn in a spinning machine, the method providing in sequence an inspection step performed by a trolley (21) to identify the spindle (11) in which the forming yarn has been interrupted, a monitoring step to monitor the interruption of the yarn (14) on a spindle (11), a stop step wherein the movable trolley (21) stops with respect to the axis (24), a moving step of a translating structure (23) supporting a yarn-aspiration assembly (31, 48), a yarn-manipulation assembly (28), at least a yarn-blowing assembly (83, 43) and a yarn re-connection assembly (49), a step to position aspiration means (31) above the spindle (11) so as to intercept the interrupted end of the yarn, a step to insert the yarn (14) inside the anti-balloon ring (18), the cursor (22) and the yarn-guiding loop (16), a step to re-connect the end of the yarn already wound on the cop (13) and the yarn arriving from the feed bobbin. Device achieving the method as above. <IMAGE> <IMAGE>

IPC 1-7

**D01H 15/013**

IPC 8 full level

**D01H 15/013** (2006.01)

CPC (source: EP)

**D01H 15/013** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 150 (C - 422) 15 May 1987 (1987-05-15)
- [A] PATENT ABSTRACTS OF JAPAN vol. 7, no. 29 (M - 191) 5 February 1983 (1983-02-05)

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