

Title (en)
Method and apparatus for separating from flyers the roving wound onto cops and securing the end of the roving on the cops at the time of removal in a fly frame or similar machine.

Title (de)
Verfahren und Vorrichtung zum Trennen des auf einem Kops aufgewickelten Vorgarns von Flyern und zum Festlegen des Vorgarnendes auf dem Kops beim Wechseln in einem Flyergatter oder ähnlicher Maschine.

Title (fr)
Procédé et dispositif pour séparer la mèche enroulée sur un tube de bobine des ailettes, et pour fixer l'extrémité de mèche sur le tube de bobine pendant le changement dans un râtelier à ailettes ou machine similaire.

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Application
EP 91201878 A 19910716

Priority
IT 2096290 A 19900717

Abstract (en)
In order to secure the end of roving (5) on cops (9) on removal from a fly frame it is proposed initially to lower cop carriage (2) to a position such as to bring the top end of bobbins (4) to the height of compressor (16) of flyers (6), then to rotate cops (9) a few turns to wind roving (5) into a groove (17) or onto a roughened or similar surface of bobbins (4) capable of retaining roving (5), after which carriage (2) is further lowered or inclined to cause roving (5) to snap in the section between the end of bobbins (4) and flyers (6). Preferably, before lowering cops (9), a reserve of roving (5) is created by slowly rotating flyers (6) and cops (9) for a few turns with no supply, simultaneously imparting a twist to roving (5) and strengthening it.
<IMAGE>

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CPC (source: EP)
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- [A] EP 0112303 A1 19840627 - GAUDINO PIERO & C SAS [IT]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 313 (C-618)[3661], 17th July 1989; & JP-A-1 097 226 (TOYOTA AUTOM. LOOM WORKS) 14-04-1989
- [A] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 313 (C-618)[3661], 17th July 1989; & JP-A-1 097 225 (TOYOTA AUTOM. LOOM WORKS) 14-04-1989
- [A] PATENT ABSTRACTS OF JAPAN, vol. 9, no. 112 (C-281)[1835], 16th May 1985; & JP-A-60 002 722 (TOYODA JIDO SHOKKI SEISAKUSHO K.K.) 09-01-1985
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