

Title (en)

Apparatus for removing residual rovings from roving bobbins by suction.

Title (de)

Vorrichtung zum Absaugen von auf Vorgarnspulen verbliebenen Lunttenresten.

Title (fr)

Dispositif pour enlever des résidus de mèches de bobines de mèche par aspiration.

Publication

EP 0401827 A1 19901212 (EN)

Application

EP 90110816 A 19900607

Priority

- JP 31290 U 19900106
- JP 14751489 A 19890609

Abstract (en)

Disclosed is an apparatus for removing residual yarns from roving bobbins (3) by suction which bobbins are conveyed by a roving bobbin conveyance line (2) provided with a large number of bobbin hangers (2a). Plural suction nozzles are provided respectively in opposed relation to the plural roving bobbins, and by moving the nozzles forward there are ensured suitable gaps for the suction of residual yarn ends according to different amounts of yarns remaining on the roving bobbins. The nozzles are vertically moved simultaneously to search for and suck in yarn ends and then retreated to remove residual roving yarns by suction in certain positions. Further, below the roving bobbins there is provided a driving device capable of rising and rotating the bobbins positively, whereby the residual roving yarns can be removed surely.

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B65H 73/00; **D01H 1/38**

IPC 8 full level

B65H 73/00 (2006.01)

CPC (source: EP)

B65H 73/00 (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 333 (C-526)(3180) 08 September 1988, & JP-A-63 092735 (MURAO BOKI K.K.)

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CH DE ES IT LI

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