

Title (en)  
Remained roving bobbin exchanging device.

Title (de)  
Vorrichtung zum Auswechseln von Spulen mit Vorgarnrest.

Title (fr)  
Dispositif pour échanger des bobines avec des restes de mèche.

Publication  
**EP 0420158 A2 19910403 (EN)**

Application  
**EP 90118410 A 19900925**

Priority  
JP 25384389 A 19890928

Abstract (en)  
The present invention relates to a remained roving bobbin exchanging device (3) for making all the roving bobbins (1a) to be transported to a roving frame into vacant bobbins (1b) and discloses the remained roving bobbin exchanging device (3) comprising a fixing or removal device (20) for detecting the bobbins having the remained rovings adhered thereto on the bobbin transporting line and exchanging them with vacant bobbins and a tray transporting device (50) for receiving the remained roving bobbins from the fixing or removal device (20) and supplying the vacant bobbins to the fixing or removal device, in which the tray transporting device (50) is made such that a tray can be circulated and at the same time the remained roving cutter device (60) and the remained roving removal device (40) are arranged to remove the remained roving from the remained roving bobbin.

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**D01H 1/38; D01H 9/18**

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
CN107142572A; CN108048965A; CN109292540A; WO2005115897A1

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