

Title (en)
REMAINED ROVING BOBBIN EXCHANGING DEVICE

Publication
EP 0420158 A3 19910717 (EN)

Application
EP 90118410 A 19900925

Priority
JP 25384389 A 19890928

Abstract (en)
[origin: EP0420158A2] 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

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CPC (source: EP)
B65H 73/00 (2013.01); **D01H 9/18** (2013.01); **D01H 9/187** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)
• [A] EP 0323400 A1 19890705 - HOWA MACHINERY LTD [JP]
• [A] EP 0307806 A1 19890322 - TOYODA AUTOMATIC LOOM WORKS [JP], et al
• [A] US 4842206 A 19890627 - KAWASAKI YOSIO [JP], et al
• [A] PATENT ABSTRACTS OF JAPAN vol. 9, no. 237 (C-305)(1960) September 24, 1985 & JP-A-60 094 629 (K.K. TOYODA JIDOSHOKKI SEISAKUSHO) May 27, 1985
• [A] PATENT ABSTRACTS OF JAPAN vol. 12, no. 333 (C-526)(3180) September 8, 1988 & JP-A-63 092 735 (MURAO BOKI K.K.) April 23, 1988

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