

Title (en)

Apparatus for exchanging roving bobbins in a ring spinning machine.

Title (de)

Vorrichtung zum Wechseln von Vorgarnspulen an einer Ringspinnmaschine.

Title (fr)

Dispositif pour changer des bobines de mèche dans un continu à filer à anneaux.

Publication

EP 0457361 B1 19950913 (DE)

Application

EP 91108598 A 19890125

Priority

- CH 45888 A 19880209
- EP 89101255 A 19890125

Abstract (en)

[origin: EP0329965A2] By using circular and disc-shaped, non-coupling roving bobbin carriers 18, which carry only one bobbin 20, on a supply track 14, which extends along a ring spinning machine 2, and on transverse tracks 16, branching away therefrom, the roving change process on the ring spinning machine 2 is quicker and simpler to carry out. <IMAGE>

IPC 1-7

D01H 9/00; **D01H 9/18**; **D01H 13/04**; **B65H 57/00**

IPC 8 full level

D01H 9/04 (2006.01); **B65H 57/00** (2006.01); **D01H 9/00** (2006.01); **D01H 9/18** (2006.01); **D01H 13/04** (2006.01)

CPC (source: EP KR)

B65H 57/00 (2013.01 - EP); **D01H 7/50** (2013.01 - KR); **D01H 9/005** (2013.01 - EP); **D01H 9/18** (2013.01 - EP); **D01H 9/182** (2013.01 - EP); **D01H 13/04** (2013.01 - EP); **B65H 2701/31** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

EP 0457360 A1 19911121; AT E127867 T1 19950915; AT E83270 T1 19921215; CN 1035690 A 19890920; DE 58902921 D1 19930121; DE 58909439 D1 19951019; EP 0329965 A2 19890830; EP 0329965 A3 19890913; EP 0329965 B1 19921209; EP 0457361 A1 19911121; EP 0457361 B1 19950913; JP H01229829 A 19890913; KR 890013242 A 19890922; TR 23870 A 19901016

DOCDB simple family (application)

EP 91108597 A 19890125; AT 89101255 T 19890125; AT 91108598 T 19890125; CN 89100639 A 19890204; DE 58902921 T 19890125; DE 58909439 T 19890125; EP 89101255 A 19890125; EP 91108598 A 19890125; JP 2773089 A 19890208; KR 890001476 A 19890209; TR 10189 A 19890203