

Title (en)  
Centrifugal spinning and winding machine

Title (de)  
Zentrifugenspinn-/Spulmaschine

Title (fr)  
Machine de bobinage et filage par extrusion centrifuge

Publication  
**EP 0995824 B1 20030924 (DE)**

Application  
**EP 98120091 A 19981024**

Priority  
DE 19802653 A 19980124

Abstract (en)  
[origin: DE19802653A1] The assembly of centrifugal spinning stations with bobbin winders has a separate store section (4) at each workstation (1) between a number of centrifugal spinning stations (2) and the bobbin winder. It holds a number of bobbins (16) and bobbin carriers (11). The store section (4) allows a build-up, with at least one holding stretch (31) for the spun yarn cops (16) and at least one holding stretch (33) for the bobbin carriers (11). The centrifugal spinning stations (2) are on circular path, at a workstation (1), with at least one swing doffer. The grip unit, at the doffer, covers the spinner feed and winder delivery ends of the holding stretches (31,33). The bobbins (16) and empty sleeves (11) are moved on bobbin plates (18) at the store unit (4). Each workstation (1) has a number of centrifuge spinning stations (2) next to each other in a row, each with a single doffer (30) at a lateral transport stretch (29) which links the two holding stretches (31,33). Or a doffer moves along rails between the spinning stations (2) and the bobbin winder, with doffing units on the trolley, or a single static doffer which serves a transport system for loading and unloading. A moving doffer can also travel along the line of spinning stations (2), working with the lateral transport stretch (29) linking the two holding stretches (31,33).

IPC 1-7  
**D01H 1/08**; **D01H 9/06**

IPC 8 full level  
**B65H 67/06** (2006.01); **D01H 1/08** (2006.01); **D01H 9/06** (2006.01); **D01H 9/18** (2006.01)

CPC (source: EP US)  
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