

Title (en)  
Filament yarn take-up winder

Title (de)  
Aufwickelvorrichtung für Filamentgarn

Title (fr)  
Bobinoir pour fil continu

Publication  
**EP 0933322 A3 20000510 (EN)**

Application  
**EP 98122970 A 19981203**

Priority  
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• JP 1905098 A 19980130

Abstract (en)  
[origin: EP0933322A2] A plurality of packages are carried on a single bobbin holder, and package shape and yarn quality are made uniform. In a filament yarn take-up winder in which a plurality of packages Pa SIMILAR Pd are carried on a single bobbin holder, and in which a rotating contact roller 4 applies pressure to the packages while winding is performed, a contact roller 4 is comprised of 4 individually rotatable roller segments 4a SIMILAR 4d, each arranged to correspond to one of the packages Pa SIMILAR Pd. When each roller segment 4a SIMILAR 4d contains a driving DC brushless motor 10a SIMILAR 10d, the tensions of the filament yarns Ya SIMILAR Yd being wound into packages Pa SIMILAR Pd, respectively, are individually detected by tension detecting mechanisms 11a SIMILAR 11d. Each motor 10a SIMILAR 10d is controlled based on the detected tension values. <IMAGE>

IPC 1-7  
**B65H 54/42**; **B65H 54/46**; **B65H 54/74**

IPC 8 full level  
**B65H 54/42** (2006.01); **B65H 54/74** (2006.01); **B65H 59/38** (2006.01); **B65H 59/40** (2006.01)

CPC (source: EP)  
**B65H 54/42** (2013.01); **B65H 54/74** (2013.01); **B65H 59/385** (2013.01); **B65H 59/40** (2013.01); **B65H 2551/21** (2013.01); **B65H 2551/24** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)  
• [A] EP 0618165 A2 19941005 - TORAY ENG CO LTD [JP]  
• [A] EP 0254944 A1 19880203 - TEIJIN SEIKI CO LTD [JP]  
• [A] DE 2532514 A1 19770210 - PAPST MOTOREN KG

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