

Title (en)  
Yarn winder

Title (de)  
Garnaufwickelvorrichtung

Title (fr)  
Bobinoir pour fil textile

Publication  
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Application  
**EP 02021475 A 20020925**

Priority  
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Abstract (en)  
[origin: EP1300357A1] The present invention relates to a yarn winder that uses tension detecting method to obtain accurate tension value regardless of winding diameter of a yarn package in a yarn winder. The yarn winder includes a bobbin holder H that is set with at least a bobbin B for winding at least a yarn S, a contact roller C that rotates while contacting against at least a yarn package P, a traverse device T that is provided to an upstream side of the contact roller C and traverses the yarn S the is fed, a traverse fulcrum guide 1 that is to be a traverse fulcrum of the yarn that S is traversed in the upstream side of the traverse device, and a tension detector 3 that is located between the traverse device T and the traverse fulcrum guide 1 and that detects tension of the yarn S by contacting the yarn S against a contact element 4 at both ends of an amplitude of the traverse. In such a yarn winder, each of distances during the winding process, between the traverse fulcrum guide and the tension detector, between the tension detector and the traverse device, and between the traverse fulcrum guide and the traverse device, is maintained constant regardless of winding diameter of the yarn package (Fig. 1). <IMAGE>

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