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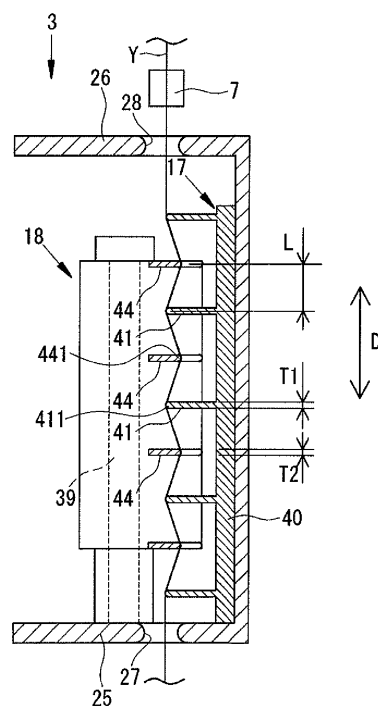
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(54) **Winding device**

(57) A winding device (100) includes a yarn supplying section (11) in which a yarn supplying bobbin (B) is arranged, a winding section (6) adapted to wind a spun yarn (Y) into a package (P), and a tension applying section (3) arranged in a yarn path between the yarn supplying section (11) and the winding section (6) and adapted to apply a tension on the spun yarn (Y). The tension applying section (3) includes a plurality of contact members (41, 44) adapted to apply the tension on the spun yarn (Y) by making contact with the spun yarn (Y) and bending the spun yarn (Y). The contact members (41, 44) are arranged with an interval (L) between each other, and the interval (L) between the contact members (41, 44) in a yarn path direction is 5 mm or more.

FIG. 4





EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			B65H D03D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 8 January 2015	Examiner Pussemier, Bart
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82