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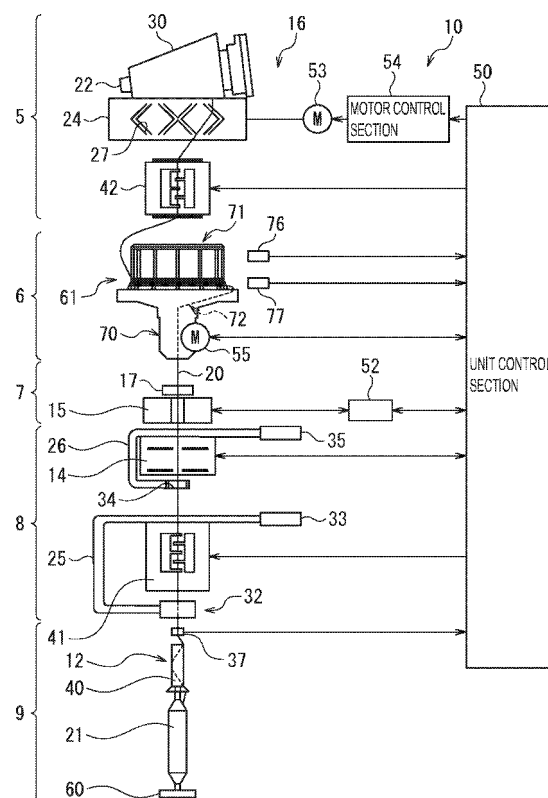
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(54) **Yarn winding device and automatic winder**

(57) An automatic winder includes a drum driving motor (53) rotating a package (30), an accumulator (61) allowing a yarn (20) to be accumulated before the yarn (20) is wound into the package (30) and allowing the accumulated yarn (20) to be drawn out to a yarn supplying bobbin (21) side, a clearer (15) detecting a yarn defect, and a splicer device (14) performing a yarn splicing operation. The automatic winder includes a first tension applying section (41) located between the yarn supplying bobbin (21) and the accumulator (61), a second tension applying section (42) located between the accumulator (61) and the package (30), and a unit control section (50) controlling the first tension applying section (41) and the second tension applying section (42). (Fig. 1)

FIGURE 1





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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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
Place of search		Date of completion of the search	Examiner
The Hague		11 November 2010	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			

2

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 09 15 5649

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The members are as contained in the European Patent Office EDP file on
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