



(11) **EP 2 072 440 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
16.06.2010 Bulletin 2010/24

(51) Int Cl.:
B65H 57/12 (2006.01)
B65H 57/26 (2006.01)
B65H 57/22 (2006.01)

(43) Date of publication A2:
24.06.2009 Bulletin 2009/26

(21) Application number: **08020035.5**

(22) Date of filing: **17.11.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

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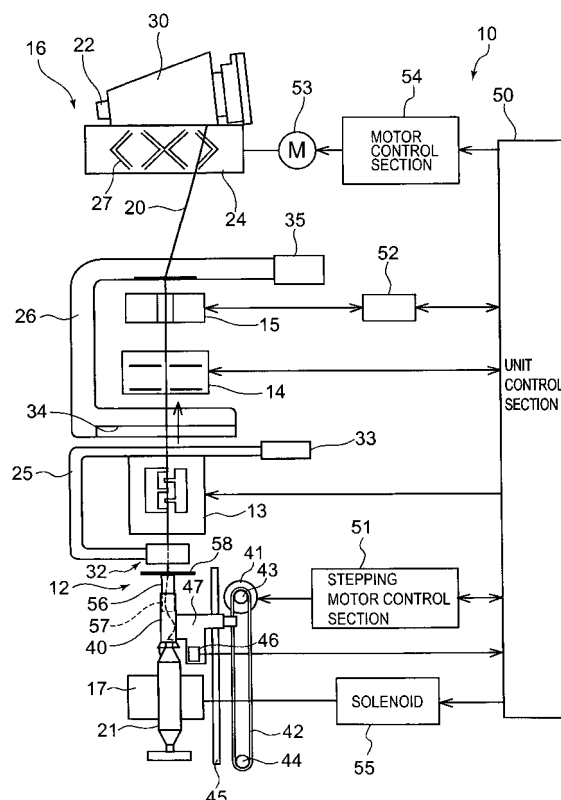
(30) Priority: **20.12.2007 JP 2007328507**

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(54) **Unwinding assisting device and automatic winder comprising the same**

(57) An unwinding assisting device (12) includes a regulating member (40) that regulates a balloon generated when a yarn is unwound from a yarn supplying bobbin (21), and an elevating and lowering means for elevating and lowering the regulating means (40). The elevating and lowering means comprises a stepping motor (41) and a belt member (42) that transmits driving of the stepping motor (41). The belt member (42) is a toothed belt (Fig.2).

FIGURE 2





EUROPEAN SEARCH REPORT

 Application Number
 EP 08 02 0035

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			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 7 May 2010	Examiner Guisan, Thierry
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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EPO FORM 1503 03/82 (P04C01)

**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.
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