



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
24.09.2014 Bulletin 2014/39

(51) Int Cl.:
B65H 51/06 (2006.01) **B65H 51/32** (2006.01)
B65H 57/00 (2006.01) **D01D 13/00** (2006.01)

(43) Date of publication A2:
11.09.2013 Bulletin 2013/37

(21) Application number: **13157171.3**

(22) Date of filing: **28.02.2013**

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

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(30) Priority: **07.03.2012 JP 2012050934**

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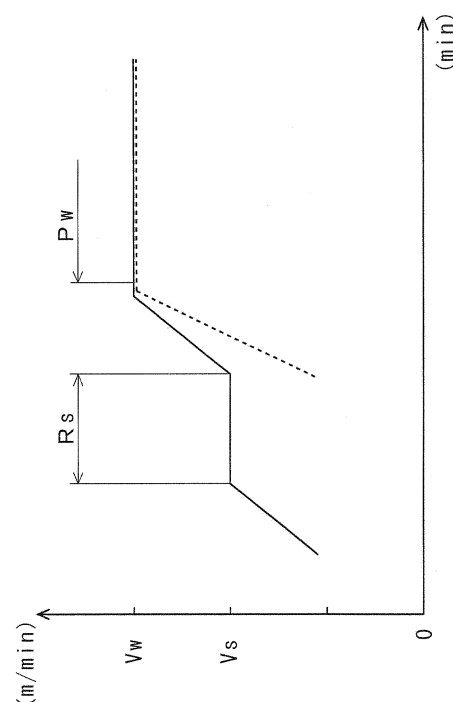
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(54) **Take-up apparatus**

(57) [OBJECT] A take-up apparatus is provided such that an air nozzle is not provided in a yarn path leading from a melt spinning machine to a godet roller, but filaments are not wound around the godet roller.

[MEANS OF REALIZING THE OBJECT] A take-up apparatus (100) includes a melt spinning machine (10) configured to spin filaments (F), a godet roller group (20) configured to feed yarns (Y) made by combining the filaments (F), and a take-up winder (30) configured to wind the yarns (Y) fed from the godet roller group (20) around bobbins (B). While a yarn threading operation is performed on godet rollers (21) and (22), a circumferential speed of the godet rollers (21) and (22) forming the godet roller group (20) is set to a threading speed (V_s) lower than a circumferential speed in a winding period (P_w) and is increased to a winding speed (V_w) after the threading on the godet rollers (21) and (22) is completed and before winding of the yarns (Y) through a threading on the bobbins (B) is started. A circumferential speed of the bobbins (B) is increased to the winding speed (V_w) before the winding of the yarns (Y) through the threading on the bobbins (B) is started.

Fig. 4





EUROPEAN SEARCH REPORT

 Application Number
 EP 13 15 7171

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* paragraphs [0005], [0006], [0009],	2,4,5	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 August 2014	Examiner Lemmen, René
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			

EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EPO FORM P0459

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