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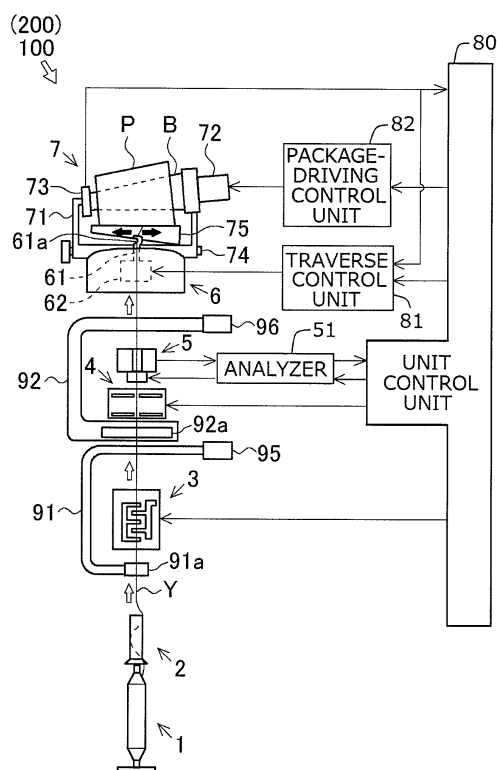
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(54) **Yarn winding device**

(57) A yarn winding device (100) includes a package driving unit (72) that rotates a bobbin (B); a rotational-speed detecting unit (73) that detects a rotational speed of the bobbin (B); a traverse guide (61) that traverses a yarn to be wound around the bobbin (B); a traverse-guide driving unit (62) that drives the traverse guide (61); a traverse control unit (81) that controls driving of the traverse guide (61); and a target-position-command determining unit that determines a pre-correction target-position command (Pt) for the traverse-guide driving unit (62) from the rotational speed of the bobbin (B). The traverse control unit (81) calculates a post-correction target-position command (Ps) from a target-position correction amount (Cp), which is a feed-forward component depending on a detection delay time of the rotational-speed detecting unit (73) and a response delay time of the traverse-guide driving unit (62), and the pre-correction target-position command (Pt), and controls the driving of the traverse-guide driving unit (62) according to the post-correction target-position command (Ps).

FIG. 1





EUROPEAN SEARCH REPORT

Application Number
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			B65H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 6 February 2014	Examiner Guisan, Thierry
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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