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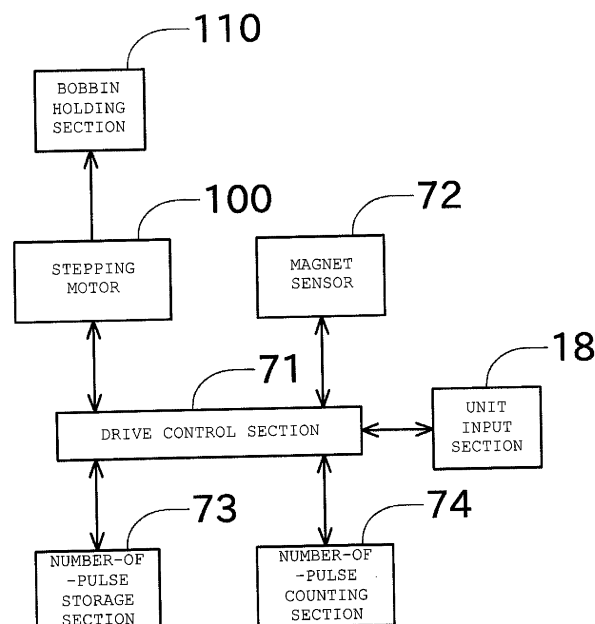
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(54) **Textile machine**

(57) An automatic winder (1) includes a bobbin holding section (54, 110), a stepping motor (100), a drive control section (71), a magnet sensor (72), and a number-of-pulse counting section (74). The bobbin holding section (54, 110) holds a yarn supplying bobbin (21). The drive control section (71) drives the stepping motor (100) by an amount corresponding to a specified command value (number of pulses) to move the bobbin holding section (54, 110). The magnet sensor (72) specifies an origin position, which is the reference position of the bobbin holding section (54, 110). The number-of-pulse counting section (74) obtains the command value (number of pulses) necessary for moving the bobbin holding section (54, 110) from the origin position to a target position as an actual measurement command value.

FIG. 7





EUROPEAN SEARCH REPORT

Application Number
EP 13 18 3480

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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)
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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 2 March 2017	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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82