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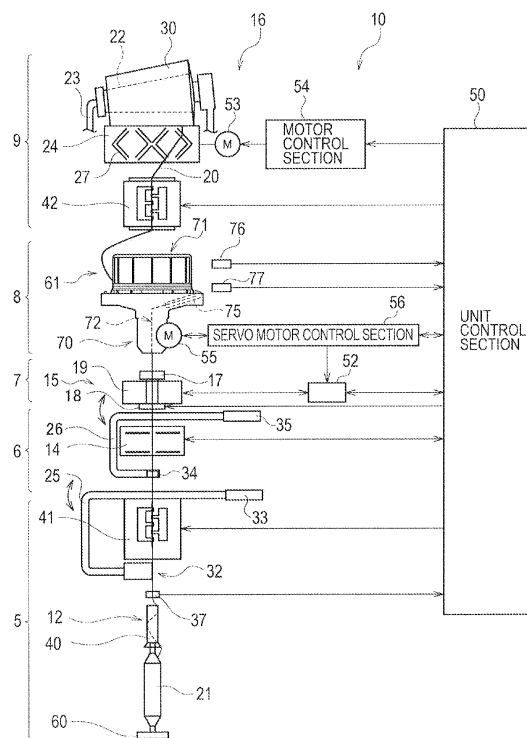
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(54) **Yarn winding device and automatic winder comprising the same**

(57) A winding unit 10 includes a yarn pool section 71 accumulating a yarn 20 not wound into a package 30 yet, and a servo motor 55 driven to supply the yarn 20 to the yarn pool section 71. The winding unit 10 includes a clearer 15 located on the upstream side of the yarn pool section 71 in order to detect the yarn defect. The winding unit 10 calculates the length of the uneven-thickness portion having passed through the clearer 15 based the amount by which the yarn is fed to the upstream side of the yarn pool section 71 (Fig. 1).

FIGURE 1





EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
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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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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