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(72) Inventor: **Muta, Katsufumi**
Kyoto-shi, Kyoto 612-8686 (JP)

(74) Representative: **Zinkler, Franz**
Schoppe, Zimmermann, Stöckeler
Zinkler, Schenk & Partner mbB
Patentanwälte
Radtkoferstrasse 2
81373 München (DE)

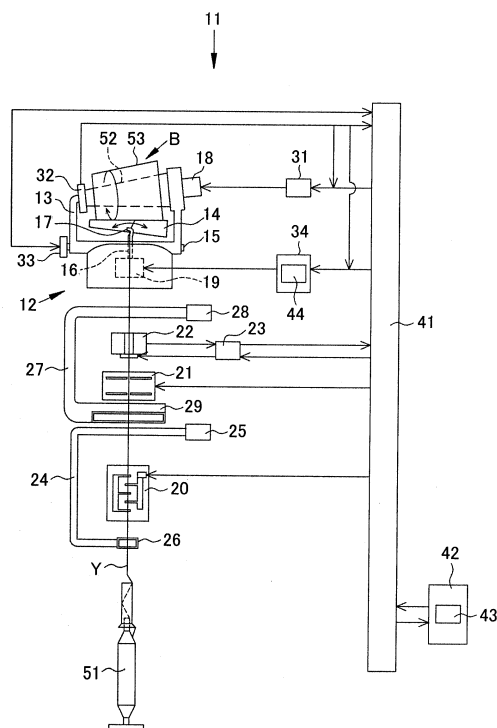
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(71) Applicant: **Murata Machinery, Ltd.**
Kyoto-shi,
Kyoto 6018326 (JP)

(54) **Yarn winding device**

(57) A yarn winding device (11) that produces a conical package (53), includes a traverse guide (17), a traverse driving section (19), a lead ratio setting section (43) adapted to set, as a lead ratio, a value of a ratio of traverse time within a larger diameter region with respect to traverse time within a smaller diameter region of the package (53), or a value of a ratio of traverse speed within the smaller diameter region with respect to traverse time within the larger diameter region of the package, and a speed profile adjusting section (44) adapted to adjust a speed profile of the traverse guide (17) in at least one of the larger diameter region and the smaller diameter region of the package (53) according to the set lead ratio set by the lead ratio setting section (43).

FIG. 1



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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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