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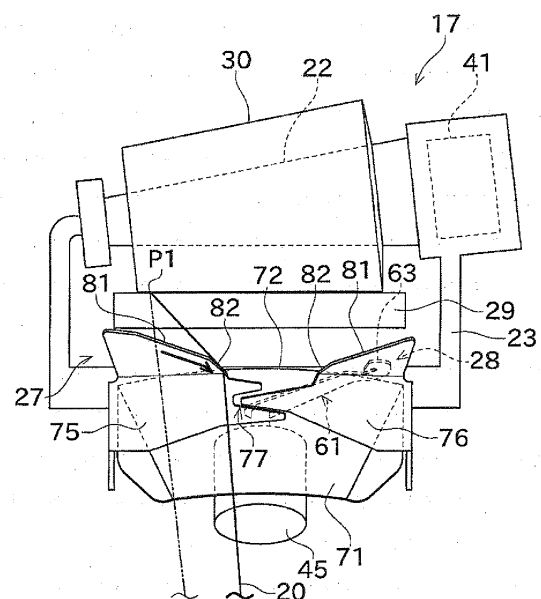
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(54) **Yarn winding machine**

(57) An automatic winder includes a bobbin set section, a cradle (23), a contact roller (29), a traverse guide (28), and a yarn leading plate (75, 76). The bobbin set section supplies a yarn of a yarn supplying bobbin. The cradle (23) rotatably holds a package (30), around which the yarn (20) supplied from the bobbin set section is wound. The contact roller (29) makes contact with and rotates the package (30). The traverse guide (28) is provided independently from the contact roller (29). The traverse guide (28) is engaged with the yarn (20) to be wound into the package (30) to traverse the yarn (20). The yarn leading plate (75, 76) makes contact with the yarn (20) applied with tension to lead the yarn (20) towards a center in a winding width direction of the package (30) before the traverse guide (28) engages with the yarn (20).

FIG. 8





EUROPEAN SEARCH REPORT

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			TECHNICAL FIELDS SEARCHED (IPC)
			B65H
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		23 June 2015	Guisan, Thierry
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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