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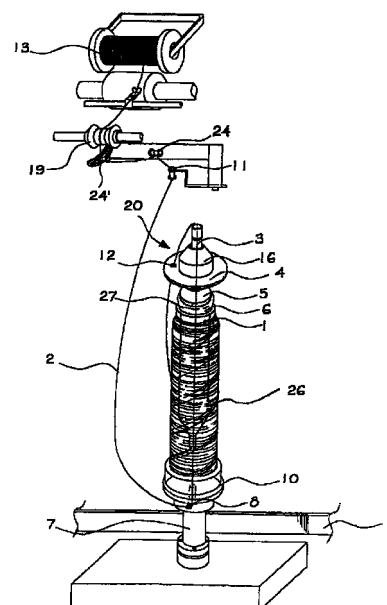
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(54) **A non-contact doubling and twisting apparatus in a double twister for a filament**

(57) In a double twister, wherein doubled yarn which gets unwound from a bobbin is input into a top guide (3), is twisted passing through a tenser (5) having a hollow and a yarn guiding pipe (26), passes through an eyelet (8) and is wound on a cylinder (13), a non-contact doubling and twisting apparatus characterized by further comprising a yarn guide (20) having a fly disc (4) which is located between a top guide (3) and a tenser (5), mounted to be rotated freely and has a disc hole (12) through which doubled yarn can pass, wherein doubled yarn which gets unwound from a bobbin, pass through the disc hole (12), is input into a top guide (3), is twisted passing through a tenser (5) having a hollow and a yarn guiding pipe (26), passes through an eyelet (8) and is wound on a cylinder (13).

FIG. 1



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EUROPEAN SEARCH REPORT

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			D01H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 20 August 1999	Examiner Tamme, H-M
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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