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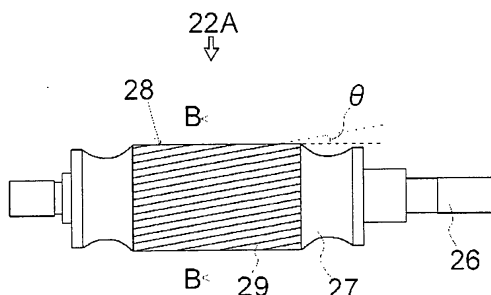
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(54) **Draft roller**

(57) Irrespective of the material (yarn type) of a sliver to be processed, a generation of the cyclic unevenness caused by a groove pitch of a draft roller and an accumulation of foreign materials in the grooves during drafting process can be prevented. A draft roller according to the present invention is provided in a draft device of a spinning machine and has groove parts (29) formed on

a roller surface (28) of the draft roller and having an inclination relative to an axial direction of the draft roller, wherein given that a diameter of the draft roller is R, the number of the groove parts is N, an inclination relative to the axial direction of the groove parts is θ , a fiber width of a sliver processed by the draft device is D and a circular constant is π , the draft roller satisfies a relationship $\pi R/N < D \tan \theta$.

Fig.3



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EUROPEAN SEARCH REPORT

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EP 08 02 0233

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Place of search Munich		Date of completion of the search 24 March 2011	Examiner Dreyer, Claude
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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