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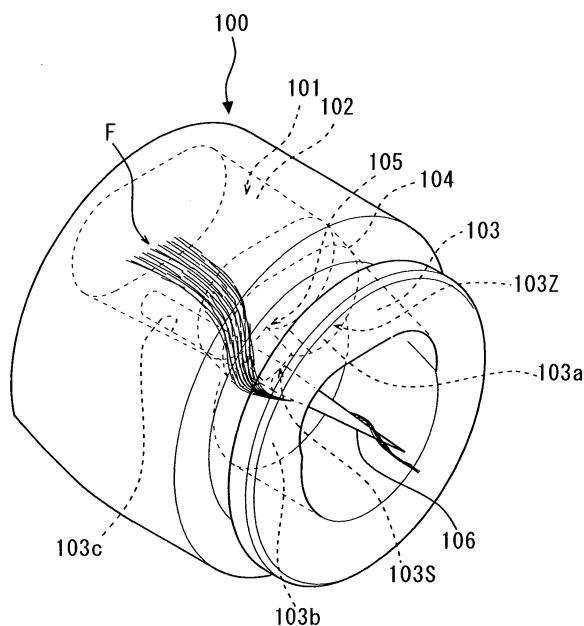
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(54) **Air vortex spinning machine with special fibre introductions passages**

(57) A spinning machine in which a spinning member is disposed, the spinning member having a nozzle block 11 in which air injection holes are drilled, a hollow guide shaft 17, a fiber introduction hole 101 opened at a tip side of the hollow guide shaft 17, and a fiber guide member

106 that guides fibers to the tip of the hollow guide shaft 17, wherein, first, a separating projecting portion 105 is formed in a fiber contact surface of the fiber introduction hole 101 to define a plurality of passages 103S, 103Z having different fiber introduction directions with respect to said fiber guide member 106 (Fig 2).

**FIG.1**





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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A	----- US 2002/152739 A1 (ANDEREGG PETER) 24 October 2002 (2002-10-24) * the whole document *	1-5	
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		29 March 2006	Henningsen, O
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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                      .....                      &amp; : member of the same patent family, corresponding document</p>			

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ANNEX TO THE EUROPEAN SEARCH REPORT  
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