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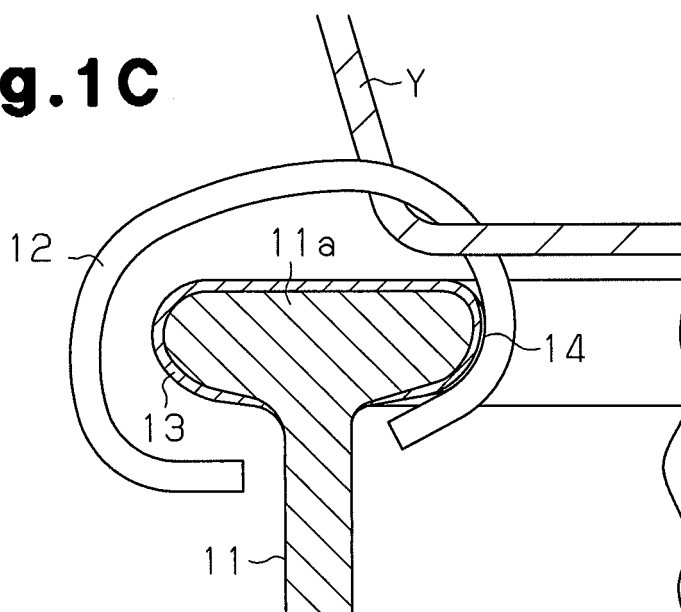
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(54) **Ring-traveler system of ring spinning machine**

(57) A ring-traveler system of a ring spinning machine is of a non-liquid lubrication type. The ring-traveler system includes a ring and a traveler that travels along the ring. A plurality of recesses and a plurality of flat ridges are arranged alternately on a surface portion of one of

the ring and the traveler. The other one of the ring and the traveler slides on the surface portion when the traveler travels. Each of the recesses has a depth of 0.1 to 20 μm . Each of the flat ridges has a width of 1 to 250 μm .

Fig.1C





EUROPEAN SEARCH REPORT

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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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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 15 April 2015	Examiner Dupuis, Jean-Luc
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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82