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EUROPEAN PATENT APPLICATION

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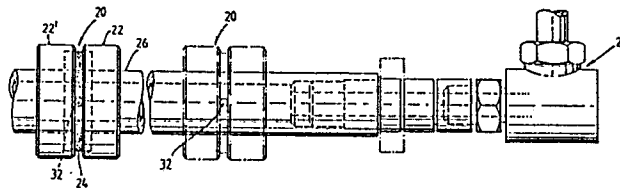
④④ Designated Contracting States: **BE FR GB IT**

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⑤④ **Dampening roller for a spinning, twisting or winding apparatus.**

⑤⑦ A dampening roller (20), for example for a ring spinning frame, instead of dipping into a water trough, is mounted on a hollow shaft (26) supplied with water or other liquid via a rotating joint (27). Holes (32) through the wall of the shaft allow liquid to percolate into a core (24) of absorbent material such as felt. The core is sandwiched between outer collars (22 and 22') forming a channel for the yarn, which engages the moistened core (24) and is dampened thereby. The roller (20) preferably rotates so that its surface moves in the same direction as the yarn, but at a greater speed.





European Patent
Office

EUROPEAN SEARCH REPORT

0173432

Application number

EP 85 30 4722

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
E	DE-A-3 423 942 (INSTITUTE FÜR TEXTIL- UND FASERFORSCHUNG) * Claims 1,3,6,10-12,15; page 18, line 19 - page 20, line 16; page 22, line 8 - page 23, line 9; figures 1-5 *	1,2	
X	US-A-3 182 439 (A. CECCHI) * Column 2, lines 2-41; claims 1-3; figures 3,4 *	1-3	
Y		5	
X	US-A-3 137 117 (B. CECCHI) * Column 2, lines 32-54; claims 1,4; figure 1 *	1-3	
Y	FR-A-1 439 119 (SOCIETE D'EXPLOITATION DES ANCIENS ETABLISSEMENTS M. MIRAILLET) * Whole document *	5	TECHNICAL FIELDS SEARCHED (Int. Cl.4) B 65 H D 01 H
A	US-A-2 320 956 (J.E. TURCOTTE) * Whole document *	1,5	
A	FR-A- 785 988 (DRYA) * Whole document *	1,3-6	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16-04-1987	Examiner RAYBOULD B.D.J.
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			



DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	US-A-2 334 420 (H.V. LANG) * Column 2, lines 19-43; figures 1,2; claims *	1,7	
A	DE-C- 558 283 (A.E. MEYER) * Page 2, lines 22-24; figure 1 * -----	1	
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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			