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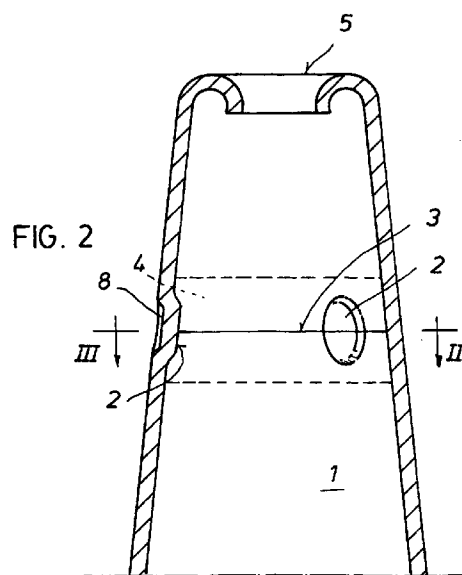
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(54) A spinning cone and a process and device for the manufacture thereof

(57) The cone is made from cardboard or the like and is adapted to be supplied in stacked form with one cone (1) partially nested in an immediately adjacent cone. It is provided with a plurality of embossments (2, 2a, 2b) extending from the inner surface of the cone, being equidistant and close to the apex or smaller base (5) of the cone (1), and the respective most outstanding zones or peaks are at like distances from the inner surface of the cone (1).

In the manufacture thereof, a conventional cone (1) is subjected to an inwardly directed stamping operation, deforming it and forming external dimples (13) which form embossments (2, 2a, 2b) projecting out from the inner surface. This stamping operation is performed with a first rotating tool (12), provided with dimples (13), and a second rotating tool (14) provided with protuberances (15) complementary to the dimples (13).



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EUROPEAN SEARCH REPORT

Application Number
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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 (Int.Cl.6)
X	DE 18 75 936 U (HUBERT GREIVE & SOHN KG) * page 5, line 1 - line 4 *	1,2,4-13	B65H75/10
A	* page 6, last paragraph - page 7, paragraph 8; figure 2 *	3,14	
A	DE 36 43 819 A (LANGEN) * the whole document *	1,11,14	
A	EP 0 398 599 A (CONITEX, INC) * the whole document *	1,11,14	
A	GB 2 098 962 A (HACOBAS TEXTILMASCHINEN GMBH & CO KG) * the whole document *	1,11,14	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B65H
Place of search		Date of completion of the search	Examiner
THE HAGUE		20 February 1997	Tamme, H-M
<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</p> <p>& : member of the same patent family, corresponding document</p>			

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