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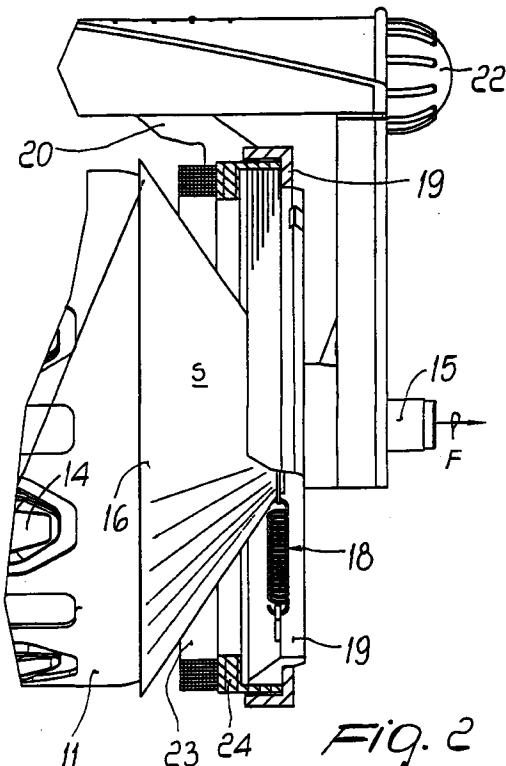
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(54) Improvement to self-adjusting thread braking devices for weft feeders

(57) The device comprises: a frustum-shaped braking body (16); means (18-19) for elastically suspending the frustum-shaped body and for pushing it elastically into tangent contact engagement with the drum (11) of the weft feeder (10); and a retention element (23) made of flexible material, which is associated with the suspension ring (19) of the frustum-shaped braking body (16) and is adapted to elastically engage, by abutment, the outer surface (S) of the frustum-shaped braking body in order to limit its axial movements. The retention element is constituted by a ring (23) made of soft, natural or synthetic elastomeric material, advantageously having a cellular structure.





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EUROPEAN SEARCH REPORT

Application Number
EP 97 12 0349

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	EP 0 652 312 A (L.G.L. ELECTRONICS S.P.A.) 10 May 1995 * column 3, line 12 - column 4, line 1 * ----	1	B65H1/00 B65H51/22
A	US 5 546 994 A (A.G. SARFATI) 20 August 1996 ----		
A	EP 0 330 951 A (L.G.L. ELECTRONICS S.P.A.) 6 September 1989 ----		
A	EP 0 534 263 A (L.G.L. ELECTRONICS S.P.A.) 31 March 1993 D & IT 1 251 209 B -----		
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	26 October 1998		D'Hulster, E
CATEGORY OF CITED DOCUMENTS		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	
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			