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(54) **Improvements in or relating to article tagging**

(57) A tagging material comprises a substrate in the form of a film 101 of monoaxially oriented polypropylene coated on one surface with a layer 102 of polysiloxane release agent and on the other surface with a primer layer 103 of cross-linked natural crepe rubber. The primer layer 103 is coated with a layer 104 of pressure sensitive adhesive composition, comprising a mixture of natural crepe rubber and tackifying resin. A centrally lo-

cated amorphous wire 105 is adhered to the pressure sensitive adhesive composition and is covered with a layer 106 of polyethylene leaving a free adhesive surface at either side which is sufficient to enable the tagging material to be self-wound by a reel (with adjacent convolutions adhered together by the adhesive) and to enable tags formed from the tagging material to be adhered to the article to be tagged.

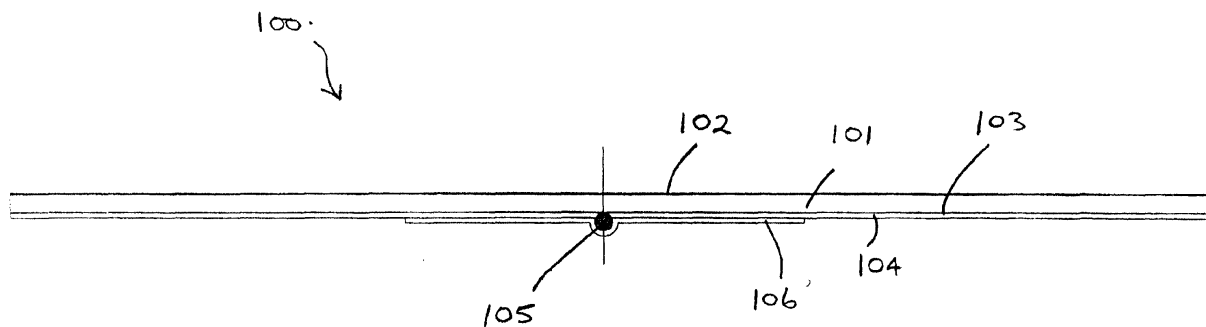


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 30 5068

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.7)
A	GB 2 345 868 A (HODGSON MARTIN ;WRIGHT JOHN OMRI (GB)) 26 July 2000 (2000-07-26) * figure 1 * * page 2, line 10-70 * * page 3, line 5-70 * * page 6, line 1-50 * ---	1-5,7, 9-17	G08B13/24
A	US 5 477 219 A (ZAREMBO PETER J ET AL) 19 December 1995 (1995-12-19) * figure 1 * * column 2, line 35-40 * ---	6	
A	EP 0 295 028 A (SCIENT GENERICS LTD) 14 December 1988 (1988-12-14) * figure 2 * * page 2, line 1-10 * * page 3, line 20-30 * -----	8	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G08B C09J H01F D06H C22C B32B B65C G01V
Place of search	Date of completion of the search	Examiner	
THE HAGUE	30 November 2000	Coffa, A	
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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 99 30 5068

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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30-11-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2345868 A	26-07-2000	AU 1993100 A	07-08-2000
		WO 0043994 A	27-07-2000
US 5477219 A	19-12-1995	NONE	
EP 0295028 A	14-12-1988	AT 88294 T	15-04-1993
		AU 613045 B	25-07-1991
		AU 1746388 A	08-12-1988
		BR 8802873 A	03-01-1989
		CA 1291244 A	22-10-1991
		DE 3855645 D	12-12-1996
		DE 3880202 A	19-05-1993
		DE 3880202 T	05-08-1993
		DK 58089 A	08-02-1989
		DK 171570 B	13-01-1997
		EP 0295085 A	14-12-1988
		ES 2040343 T	16-10-1993
		WO 8809979 A	15-12-1988
		JP 1064207 A	10-03-1989
		JP 2643312 B	20-08-1997
		JP 1503577 T	30-11-1989
NO 882504 A,B,	09-12-1988		
US 4960651 A	02-10-1990		
US 4940966 A	10-07-1990		