



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
28.04.2004 Bulletin 2004/18

(51) Int Cl.7: **D06H 5/00, D06C 27/00**

(43) Date of publication A2:
06.02.2002 Bulletin 2002/06

(21) Application number: **01117418.2**

(22) Date of filing: **19.07.2001**

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
 Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Caccia, Giuseppe**
20025 Legnano (Milan) (IT)

(74) Representative: **Lecce, Giovanni**
Dott. Giovanni Lecce & C. S.r.l.
Via Fratelli Ruffini, 9
20123 Milano (IT)

(30) Priority: **01.08.2000 IT MI001779**

(71) Applicant: **Caccia, Giuseppe**
20025 Legnano (Milan) (IT)

(54) **Device for the automatic application of seam-protecting tapes on moving fabrics**

(57) A device for the automatic application of seam-protecting tapes on moving fabrics comprises means for sensing the seams (22) between moving associated sheets (9,31) of fabric or the like, relieving, constraint, release means (5,7,15,13,20), cutting means (6,14) of the protective tapes (2,18,36), support, approaching

and pressing means (10,11,33) of the protective tapes, and means for moving away the specular structures from the zones of said seams, and means of alignment synchronization of the protective tapes (2,18,36) with seams (22) depending on the advancement movement of sheets (9,31).

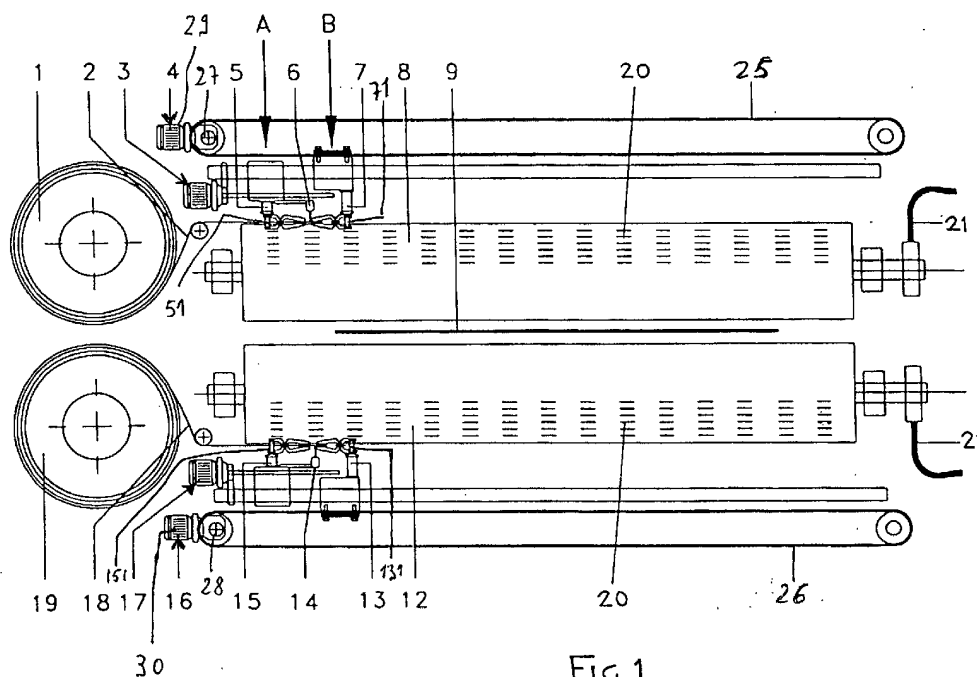


FIG.1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 11 7418

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	US 4 189 339 A (LOEFFLER ROMAIN E ET AL) 19 February 1980 (1980-02-19) * claims 1-3; figures 1,5 *	1,4	D06H5/00 D06C27/00
A	US 4 650 537 A (PERECMAN JACK L) 17 March 1987 (1987-03-17) * claims 1,2; figure 2 *	1,4	
A	US 4 832 786 A (MESCHI LUCIANO) 23 May 1989 (1989-05-23) * figure 1 *	1,8	
A	US 4 498 240 A (VAN DIJK ALFONSIUS A J) 12 February 1985 (1985-02-12) * claim 1; figure 2 *	1,8	
A	US 4 194 659 A (BIRCH STEVEN W) 25 March 1980 (1980-03-25) * claim 1 *	1,8	
A	EP 0 959 168 A (LA FER SPA) 24 November 1999 (1999-11-24) * claim 1 *	1	TECHNICAL FIELDS SEARCHED (Int.Cl.7) D06C D06H B65H B29C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 9 March 2004	Examiner D'Souza, 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			

EPO FORM 1503 03 82 (Pct/C01)

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

EP 01 11 7418

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

09-03-2004

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4189339	A	19-02-1980	AU 523637 B2	05-08-1982
			AU 4094778 A	01-05-1980
			CA 1112989 A1	24-11-1981
			GB 2008080 A , B	31-05-1979
			JP 1229842 C	19-09-1984
			JP 54078294 A	22-06-1979
			JP 59001658 B	13-01-1984
US 4650537	A	17-03-1987	CA 1287019 C	30-07-1991
			DE 3661189 D1	22-12-1988
			EP 0204558 A1	10-12-1986
			JP 7049348 B	31-05-1995
			JP 61287645 A	18-12-1986
			NO 862194 A , B,	08-12-1986
US 4832786	A	23-05-1989	IT 1206350 B	14-04-1989
			EP 0260694 A2	23-03-1988
			JP 63147753 A	20-06-1988
US 4498240	A	12-02-1985	DE 3217815 A1	24-11-1983
			DD 209863 A5	23-05-1984
			DE 3368701 D1	05-02-1987
			EP 0093865 A1	16-11-1983
			ES 8402038 A1	01-04-1984
US 4194659	A	25-03-1980	US 4128212 A	05-12-1978
EP 0959168	A	24-11-1999	UD980086 A1	22-11-1999
			DE 69905795 D1	17-04-2003
			DE 69905795 T2	05-02-2004
			EP 0959168 A1	24-11-1999
			ES 2195467 T3	01-12-2003

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82