

(19)



Europäisches Patentamt

European Patent Office

Office européen des brevets



(11)

EP 0 858 061 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
03.11.1999 Bulletin 1999/44

(51) Int Cl.⁶: **G08B 13/24**

(43) Date of publication A2:
12.08.1998 Bulletin 1998/33

(21) Application number: **98200266.9**

(22) Date of filing: **29.01.1998**

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

(72) Inventor: **Cid Juncosa, Iban**
08940 Cornellà de Llobregat (Barcelona) (ES)

(74) Representative: **Aguilar Forment, Domènec**
c/o Aguilar & Revenga
C. Consell de Cent 415, 5.o-1.a
08009 Barcelona (ES)

(30) Priority: **31.01.1997 ES 9700188**

(71) Applicant: **Germark, S.A.**
08940 Cornellà de Llobregat, Barcelona (ES)

(54) A safety label and a device for its manufacture

(57) The label includes a radio-frequency tag fitted between two sheets of cardboard that are stuck together by the opposing sides, with these elements forming a single body. The device used for the manufacture of these labels includes some accessories being attached to a rotary printing machine, with the said accessories

being: a mechanism for guiding and marking the strip of cardboard that has been printed in the same rotary machine, one labelling machine that positions the tags on the strip, a glue dispenser, a guide for folding the strip and some pressure rollers. The obtained labels are used for marking and protection against the robbery of products for their sale.

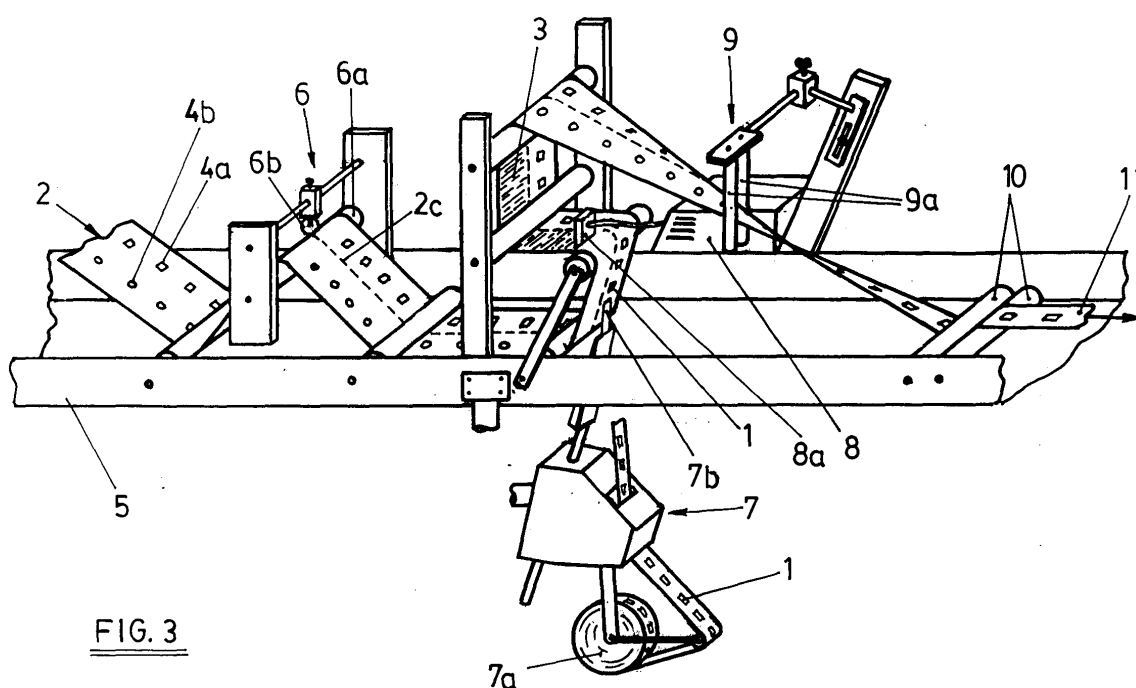


FIG. 3

EP 0 858 061 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 20 0266

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	EP 0 280 361 A (NEDAP NV) 31 August 1988 (1988-08-31) * column 3, line 15 - line 30 * * figure 1 *	1-3	G08B13/24 B31D1/02
P,X	GB 2 310 977 A (JARVIS PORTER GROUP PLC) 10 September 1997 (1997-09-10) * page 3, line 3 * * page 3, line 20 - line 25 * * page 4, line 6 - line 9 * * page 4, line 17 - line 25 *	1-3	
A	US 5 507 901 A (LIMINA ANTHONY M ET AL) 16 April 1996 (1996-04-16) * abstract; figures 1,4,6 * * column 2, line 15 - line 19 *	4-6	
A	US 4 717 438 A (BENGE S EUGENE ET AL) 5 January 1988 (1988-01-05) * the whole document *	4-6	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G08B B31D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		16 September 1999	De la Cruz Valera, D
<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>			

EPO FORM 1503 03 82 (P4/C01)

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

EP 98 20 0266

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.

16-09-1999

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0280361 A	31-08-1988	NL 8700388 A	16-09-1988
		CA 1283963 A	07-05-1991
		DE 3880856 A	17-06-1993
		US 4864280 A	05-09-1989
GB 2310977 A	10-09-1997	NONE	
US 5507901 A	16-04-1996	AU 4464896 A	10-07-1996
		WO 9619344 A	27-06-1996
US 4717438 A	05-01-1988	AU 613817 B	08-08-1991
		AU 4705189 A	26-04-1990
		AU 599418 B	19-07-1990
		AU 7864387 A	31-03-1988
		CA 1294117 A	14-01-1992
		CA 1289641 A	24-09-1991
		CA 1289642 A	24-09-1991
		DE 3732825 A	31-03-1988
		FR 2604548 A	01-04-1988
		GB 2197565 A,B	18-05-1988
		GB 2234885 A,B	13-02-1991
		JP 2598039 B	09-04-1997
		JP 63133289 A	06-06-1988
		US 4778552 A	18-10-1988
		US 4843404 A	27-06-1989
		US 4818312 A	04-04-1989
		US 4846922 A	11-07-1989
		US 4802944 A	07-02-1989
		US 4910499 A	20-03-1990
		US 4954814 A	04-09-1990