



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
07.11.2001 Bulletin 2001/45

(51) Int Cl.7: **B41M 5/035**, B44C 1/17,
B65B 31/04

(43) Date of publication A2:
03.11.1999 Bulletin 1999/44

(21) Application number: **99108406.2**

(22) Date of filing: **29.04.1999**

(84) Designated Contracting States:
AT BE CH CY 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: **Bortolato, Giovanni**
20040 Carate Brianza (Milano) (IT)

(74) Representative: **Faraggiana, Vittorio, Dr. Ing.**
Ingg. Guzzi & Ravizza S.r.l.
Via Vincenzo Monti 8
20123 Milano (IT)

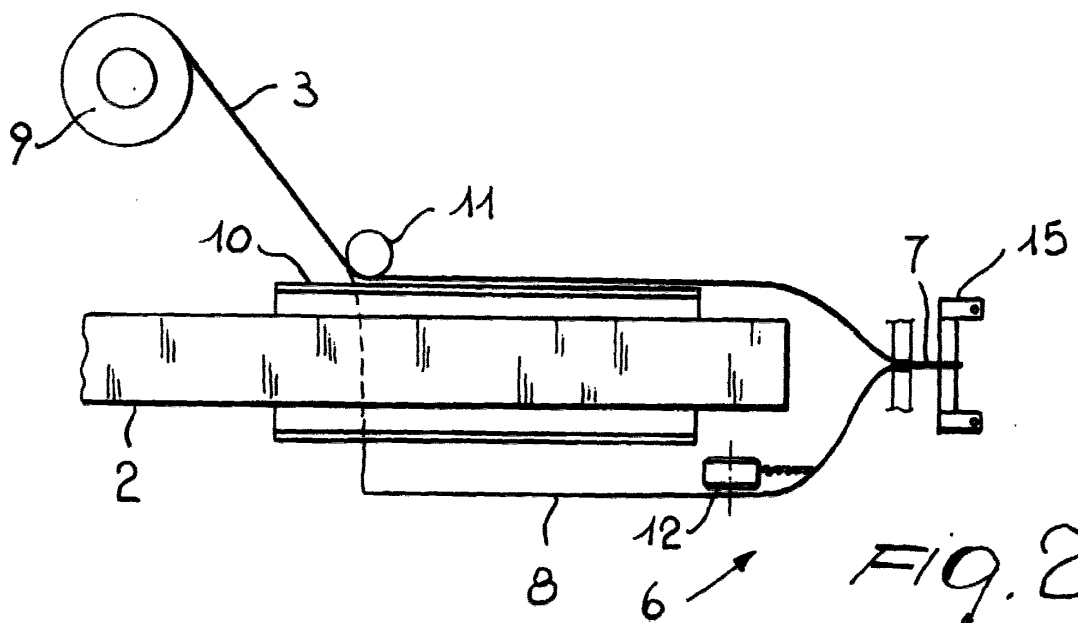
(30) Priority: **30.04.1998 IT MI980935**

(71) Applicant: **Bortolato, Giovanni**
20040 Carate Brianza (Milano) (IT)

(54) **Apparatus and method for transferring graphic representations on an object by sublimation**

(57) An apparatus for transferring graphic representations on an object by sublimation comprises vacuum means for generating a vacuum for adhering a graphic representation provided on a foil shaped support on said

object, and transfer means for transferring said graphic representations from said foil to said object by sublimation; the machine further comprises packing means for automatically wrap said object with said foil.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 99 10 8406

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 39 35 605 A (DECOREX LIZENZ AG) 2 May 1991 (1991-05-02) * column 2, line 23 - column 7, line 23 * * claims 1,7 *	1-25	B41M5/035 B44C1/17 B65B31/04
Y	WO 96 00658 A (CLAVEAU JEAN NOEL) 11 January 1996 (1996-01-11) * page 3, line 19 - page 5, line 1 *	1-25	
Y	WO 98 08694 A (VIV INT SPA ;FENZI GIANCARLO (IT)) 5 March 1998 (1998-03-05) * page 3, line 17 - page 4, line 19 * * page 10, line 10 - page 11, line 3 *	1-25	
X	US 5 590 509 A (ESTEVEs ROBERT ET AL) 7 January 1997 (1997-01-07) * claims 1,3 *	1-19	
A	EP 0 721 886 A (BURTON S GOLD MEDAL BISCUITS) 17 July 1996 (1996-07-17) * the whole document *	1-19	
P,A	EP 0 888 905 A (VIV INT SPA) 7 January 1999 (1999-01-07) * page 3, line 30 - page 4, line 24 * * claims 1,8,9,22 *	1-19	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 September 2001	Examiner Whelan, N
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 (P04C01)

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

EP 99 10 8406

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.

11-09-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3935605	A	02-05-1991	NONE	
WO 9600658	A	11-01-1996	FR 2721860 A	05-01-1996
			CA 2193238 A	11-01-1996
			US 5798017 A	25-08-1998
			US 5893964 A	13-04-1999
WO 9808694	A	05-03-1998	IT MI961793 A	02-03-1998
			AT 203212 T	15-08-2001
			AU 730053 B	22-02-2001
			AU 4298697 A	19-03-1998
			CN 1233216 A	27-10-1999
			DE 69705727 D	23-08-2001
			EP 0921953 A	16-06-1999
			JP 2000516867 T	19-12-2000
US 5590509	A	07-01-1997	NONE	
EP 0721886	A	17-07-1996	DE 69600796 D	26-11-1998
			DE 69600796 T	15-04-1999
			US 5706635 A	13-01-1998
EP 0888905	A	07-01-1999	IT MI971582 A	04-01-1999

EPO FORM P0459

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