



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
25.04.2012 Bulletin 2012/17

(51) Int Cl.:
B65B 9/13 (2006.01) B65B 9/14 (2006.01)

(43) Date of publication A2:
21.03.2012 Bulletin 2012/12

(21) Application number: **11181536.1**

(22) Date of filing: **16.09.2011**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

(30) Priority: **21.09.2010 IT MI20101715**

(71) Applicant: **Messersi' Packaging S.R.L.**
60010 Barbara (AN) (IT)

(72) Inventor: **Ubertini, Massimiliano**
I-60019 Senigallia (AN) (IT)

(74) Representative: **Lampis, Marco et al**
Dragotti & Associati Srl
Via Nino Bixio, 7
20129 Milano (IT)

(54) **Machine for applying a packaging hood on an object**

(57) A hooding machine (10) for an object (14) comprises a fitting unit (13) which is able to fit a hood of heat-shrinkable film with its open end over an object which is positioned in a hooding zone (15) of the machine. The fitting unit comprises grippers (37) for gripping the edge of the said open end of the hood and air blowing nozzles (59) which are directly positioned on these grippers so as to blow air into the hood at least during operation of the fitting unit.

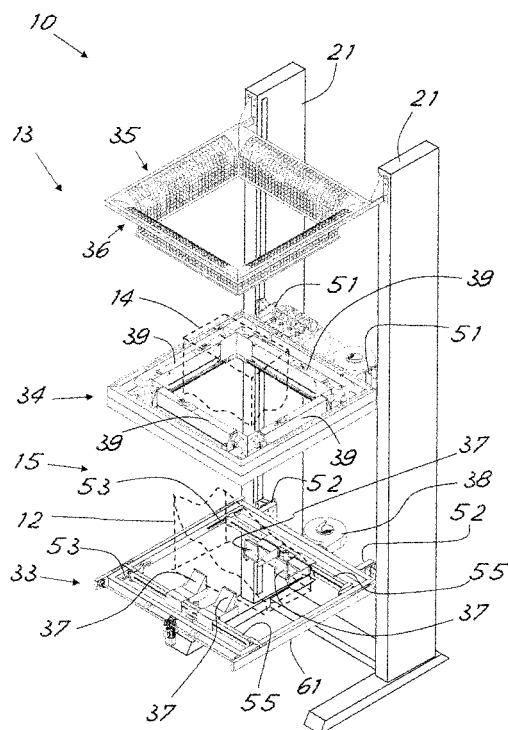


Fig.1



EUROPEAN SEARCH REPORT

Application Number
EP 11 18 1536

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X,D	US 2002/170270 A1 (BORCHARD JAMES A [US]) 21 November 2002 (2002-11-21)	1-3,5-7, 10,11	INV. B65B9/13
A	* paragraph [0054]; figures 1,2,4,8,20 * * paragraph [0075] *	4	B65B9/14

A	EP 1 060 988 A1 (THIMON SA [FR] THIMON [FR]) 20 December 2000 (2000-12-20) * paragraph [0037]; figure 8 *	1	

			TECHNICAL FIELDS SEARCHED (IPC)
			B65B
<p>2 The present search report has been drawn up for all claims</p>			
Place of search Munich		Date of completion of the search 23 November 2011	Examiner Johne, Olaf
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)



Application Number

EP 11 18 1536

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-7, 10, 11

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 11 18 1536

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7, 10, 11

free end of jaw forming blowing nozzle

2. claims: 1, 8, 9

putting-on group comprises a shrinking frame

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

EP 11 18 1536

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.

23-11-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002170270 A1	21-11-2002	US 2002170270 A1	21-11-2002
		US 2004055261 A1	25-03-2004
		US 2006048482 A1	09-03-2006

EP 1060988 A1	20-12-2000	DE 60024523 T2	17-08-2006
		DK 1060988 T3	18-04-2006
		EP 1060988 A1	20-12-2000
		ES 2254122 T3	16-06-2006
		FR 2794720 A1	15-12-2000
