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(54) **An integrated system for evaluating the residual solvent contained in packaging films during the printing process at the manufacturing plants**

(57) An integrated system for evaluating the residual solvent in packaging films during the printing process at the manufacturing plants, comprising:

- a device (17) for the automatic on-line taking of the

sample (19) to be analysed;
- a single analyser (21) that embodies the functions of three laboratory instruments: headspace or desorption unit, gas chromatograph and data system, with comparable analytical results.

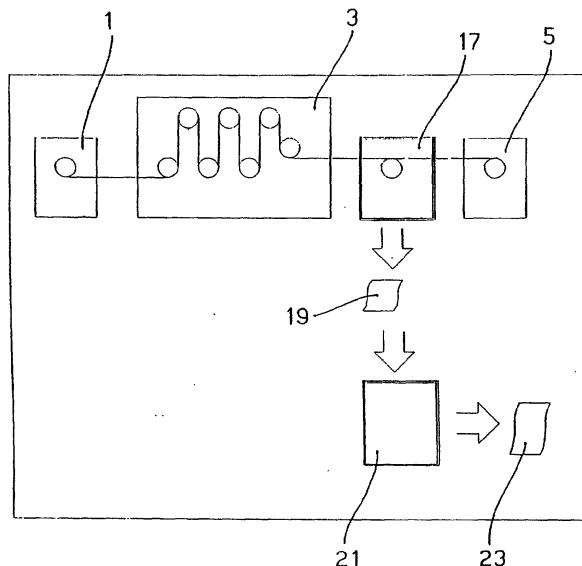


FIG. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 00 10 6883

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)
Y	DE 44 42 240 A (FOGRA FORSCHUNGSGESELLSCHAFT D) 30 May 1996 (1996-05-30) * the whole document *	1	B41F33/00 G01N1/04
A	---	2-16	
Y	US 5 792 423 A (MARKELOV MICHAEL) 11 August 1998 (1998-08-11)	1	
A	* the whole document *	2-16	
P,A	WO 99 39175 A (ZESIGER THIERRY) 5 August 1999 (1999-08-05) * abstract; claims; figures *	1,10-16	
A	US 2 519 159 A (TALBOT) 15 August 1950 (1950-08-15) * the whole document *	2-9	
A	US 4 577 516 A (WYSER JOHANN) 25 March 1986 (1986-03-25) * the whole document *	2-9	

			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G01N B41F
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	24 October 2000	MADSEN P. 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			

**CLAIMS INCURRING FEES**

The present European patent application comprised at the time of filing more than ten claims.

Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims 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 the first ten claims.

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:

1-16



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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 00 10 6883

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: 1-16

Integrated system for evaluating the residual solvent contained in cut-out samples of packaging film during a printing proces.

2. Claims: 17,18

Method for measuring the concentration of residual solvent contained in samples of packaging film during a printing proces.

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

EP 00 10 6883

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.

24-10-2000

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