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### (54) **PACKAGING SYSTEM FOR PHARMACEUTICAL PRODUCTS, CHEMICAL PRODUCTS, BIOCIDAL PRODUCTS AND THE LIKE**

(57) A packaging system (1) for pharmaceutical products, chemical products, biocidal products and the like, which comprise a forming station (2) for a continuous sheet (3) provided with a plurality of receptacles, an assembly (5) for depositing pre-dosed rations of pharmaceutical products, chemical products, biocidal products and the like inside each receptacle, an apparatus (6) for coupling a film to a surface of the sheet (3) in order to close the receptacles, and a cutting unit (7) for cutting the sheet (3a) closed by the film according to specific formats.

The assembly (5) for depositing pre-dosed rations of pharmaceutical products, chemical products, biocidal products and the like inside each receptacle and the apparatus (6) for coupling a film on a surface of the sheet (3) in order to close the receptacles are contained inside a clean room (9) with a controlled atmosphere. At least one apparatus chosen from the forming station (2) for a continuous sheet (3) provided with a plurality of receptacles and the cutting unit (7) for cutting the sheet closed by the film (3a) according to specific formats faces toward and is proximate to the clean room (9), outside it.

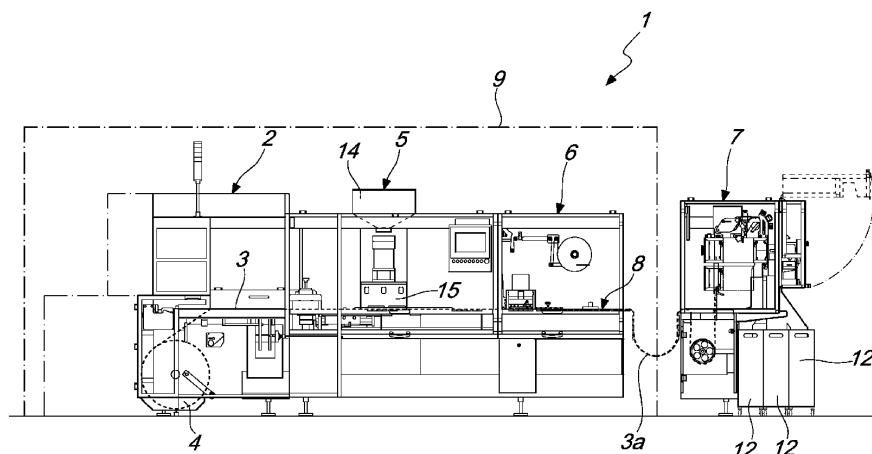


Fig. 1



## EUROPEAN SEARCH REPORT

Application Number

EP 20 20 5514

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	X DE 103 40 876 B3 (BOSCH GMBH ROBERT [DE]) 3 February 2005 (2005-02-03) * paragraph [0015] - paragraph [0027] * -----	1-3,6,7	INV. B65B9/04 B65B31/02 B65B55/02
15	X EP 0 727 357 A1 (HASSIA VERPACKUNG AG [DE]) 21 August 1996 (1996-08-21) * column 2, line 56 - column 4, line 24 * -----	1	
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1	The present search report has been drawn up for all claims		
	Place of search	Date of completion of the search	Examiner
	Munich	2 March 2021	Yazici, Baris
	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)		



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## 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:

1-3, 6, 7

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:

1-3, 6, 7

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).



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**LACK OF UNITY OF INVENTION**  
**SHEET B**

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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:

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1. claims: 1-3, 6, 7

a clean room with high pressure atmosphere.

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2. claims: 4, 5

a spool for winding a packaging web in case of breakdown and  
a container for waste.

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3. claims: 8, 10

a second controlled atmosphere room with forming means for a  
packaging web.

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4. claim: 9

a hopper.

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

EP 20 20 5514

5 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.

02-03-2021

10	Patent document cited in search report	Publication date	Patent family member(s)		Publication date
	DE 10340876	B3	03-02-2005		NONE
15	EP 0727357	A1	21-08-1996	DE 19505197 A1 EP 0727357 A1 ES 2132779 T3	05-09-1996 21-08-1996 16-08-1999
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EPO FORM P0459

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