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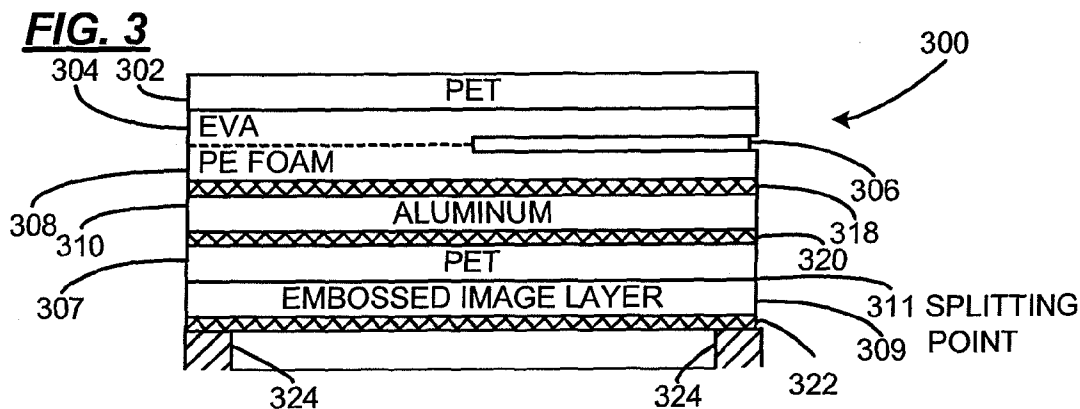
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[Continued on next page]

(54) Title: CONTAINER SEAL WITH REMOVAL TAB AND PIERCABLE HOLOGRAPHIC SECURITY SEAL



(57) Abstract: A holographic sealing member for a container comprises a heat actuated sealant or adhesive layer that secures the sealing member to a container, a metal foil sealing layer over and covering and adhesively bonded to the heat actuated sealant or adhesive layer, a holographic layer over and covering and adhesively bonding to the metal foil layer having an upper plastic layer and a lower embossed image layer, and a tab over and covering and adhesively bonded to the upper plastic layer that may be pulled to remove the tab and the plastic layer from a container, thereby exposing the lower embossed image layer which must then be perforated to gain access to the contents of the container.

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**

INV. B32B15/08 G09F3/03 B65D55/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
B32B B65D G09F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2 754 375 A (SLEEVE INT [FR]) 10 April 1998 (1998-04-10) figure 1a figures 2-4	1,9
A	----- WO 93/08084 A (APPLIED HOLOGRAPHICS [GB]) 29 April 1993 (1993-04-29) page 2, line 36 - page 4, line 23	1,9
A	----- GB 2 273 492 A (SMURFIT LTD [GB]) 22 June 1994 (1994-06-22) figure 1	1,9
A	----- GB 2 298 391 A (DE LA RUE HOLOGRAPHICS LTD [GB]) 4 September 1996 (1996-09-04) figures 1,3,4	1-15
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Further documents are listed in the continuation of Box C.

See patent family annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2005/100186 A (PROZUMENSHCHIKOV ANDREY BORISO [RU]) 27 October 2005 (2005-10-27) figure 4 -----	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/US2008/054375
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Patent document cited in search report	Publication date	Publication date	Patent family member(s)	Publication date
FR 2754375	A	10-04-1998	AT 200360 T	15-04-2001
			AU 4465797 A	05-05-1998
			BR 9712208 A	31-08-1999
			DE 69704495 D1	10-05-2001
			DE 69704495 T2	20-09-2001
			EP 0929886 A1	21-07-1999
			WO 9815939 A1	16-04-1998
			US 6254139 B1	03-07-2001
<hr style="border-top: 1px dashed black;"/>				
WO 9308084	A	29-04-1993	NONE	
<hr style="border-top: 1px dashed black;"/>				
GB 2273492	A	22-06-1994	NONE	
<hr style="border-top: 1px dashed black;"/>				
GB 2298391	A	04-09-1996	NONE	
<hr style="border-top: 1px dashed black;"/>				
WO 2005100186	A	27-10-2005	EP 1778558 A1	02-05-2007
<hr style="border-top: 1px dashed black;"/>				