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EUROPEAN PATENT APPLICATION

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㉑ Applicant: KIWI CODERS CORPORATION, 265 East Messner Drive, Wheeling Illinois 60090 (US)

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㉒ Inventor: Siegal, Burton L., 7605 N. Tripp Avenue, Skokie Illinois 60076 (US)
Inventor: Leshuk, Daniel J., 1212 South Fairview Avenue, Park Ridge Illinois 60068 (US)

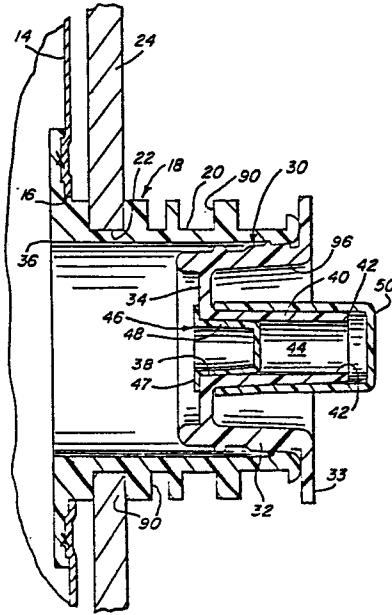
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㉔ Representative: Robert, Jean S., 51, route du Prieur, CH-1257 Landecy (Genève) (CH)

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㉔ Bag-in-a-box closure and flow-fitting therefor.

㉗ A closure plug (30) for a bag-in-the-box fluid container, formed as a cylindrical flanged body (32) having a unitary transverse wall (34), an axial opening (38) in said transverse wall (34) and a hollow tapered tube (40) unitary with said wall surrounding the opening and extending within the body and parallel thereto. The tube tapers toward a narrow outlet exterior of the flanged end of the body. A dislodgeable inner plug (46) is seated in the tube entrance blocking same and a cap (50) is fitted over the outlet of the tube. Several connector fittings are disclosed which are coupled to the closure and carry a plunger dislodging the inner plug. The plug is maintained in sealing condition within the tube by the internal fluid pressure within the fluid container.





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.4)
X	FR-A-2 491 191 (SCHOLLE) * Page 6, line 20 - page 12, line 8; figures 1-7 *	20	B 65 D 77/06
Y		1,3,5, 7,8,9	
A		21	
Y	---		
Y	CH-A- 168 087 (BARNES) * Page 2, column 1, paragraphs 2-4; page 2, column 2, paragraphs 2,3; page 3, column 1, paragraph 1; figures 1-3,9 *	1,3,5, 7,8,9	
A	WO-A-8 301 605 (LIQUI-BOX) * Page 10, lines 8-21; page 11, line 8 - page 12, line 30; figures 1-12 *	1,2,20 21	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	DE-B-1 301 263 (FISSLER) * Column 2, line 45 - column 3, line 38; figures 1-5 *	1,2,3, 9,15, 20,21	B 65 D B 67 D B 67 B
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	16-10-1987	DEPOORTER F.	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
O : non-written disclosure	L : document cited for other reasons		
P : intermediate document	& : member of the same patent family, corresponding document		



DOCUMENTS CONSIDERED TO BE RELEVANT			Page 2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US-A-3 081 911 (SCHOLLE) * Column 1, line 61 - column 2, line 46; figures 1,2 *	1,5,6, 20	
A	FR-A-2 528 806 (BERNHARDT) * Page 7, line 32 - page 10, line 36; figures 3-5 *	1,5,9, 10,21	
A	FR-A- 669 920 (ROUSSEAU) * Page 2, line 30 - page 3, line 7; figures 1-3,8 *	9,13, 21	
A	GB-A- 260 919 (NEIL) * Page 2, line 90 - page 3, line 35; figures 1,2 *	9,21	TECHNICAL FIELDS SEARCHED (Int. Cl.4)

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