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EUROPEAN PATENT APPLICATION

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⑦① Applicant: **XYTEC PLASTICS INC., 9350 - 47th Avenue S.W., Tacoma, WA 98499 (US)**

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Bulletin 87/9

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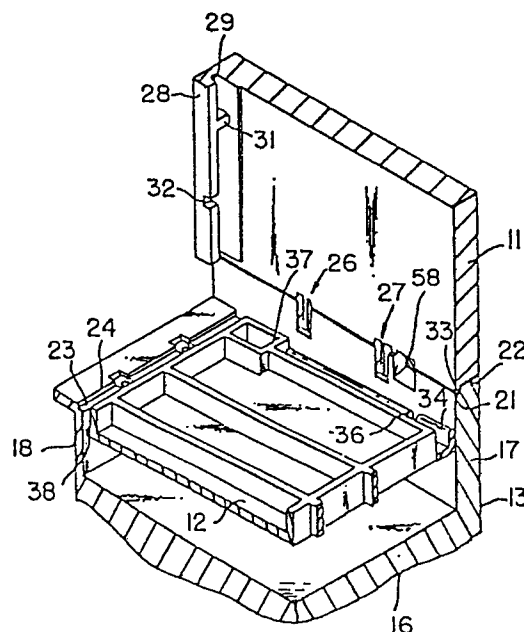
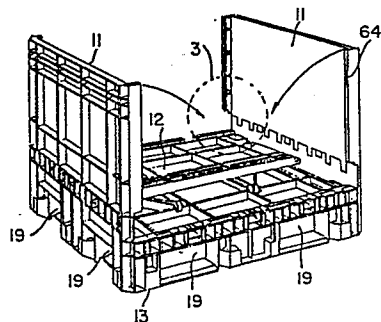
⑧④ Designated Contracting States: **DE FR GB IT**

⑧⑧ Date of deferred publication of search report: **30.09.87 Bulletin 87/40**

⑦④ Representative: **Hartley, David et al, c/o Withers & Rogers 4 Dyer's Buildings Holborn, London, EC1N 2JT (GB)**

⑤④ **Collapsible storage bin.**

⑤⑦ A heavy duty collapsible container having integrally molded plastic side (11), and (12) and bottom walls (13) which are connected by integral snap hinge structures. Flanges (28) on the side and end walls have mating grooves (31) and ridges (32) which prevent the walls from pivoting beyond the vertical when internally loaded and from relative longitudinal movement to prevent skewing. Interacting shoulder (22, 24) and lip means (33, 38) acting between the end, side and bottom walls in the area of the snap hinges protect the snap hinges from lateral loading. A domed or upwardly convex bottom wall transfers vertical loading into the side and end walls to enhance their engagement.





European Patent
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EUROPEAN SEARCH REPORT

0211116

Application number

EP 85 30 5500

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	EP-A-0 067 323 (FRIEDRICH) * Page 6, line 12 - page 7, line 9; page 7, line 15 - page 8, line 9; figures 1,3 *	1,2	B 65 D 19/18
Y		4	
A		6	
X	--- US-A-4 062 467 (FRIEDRICH) * Column 3, lines 3-63; figures 1-3 *	1,2	
A		9	
Y	--- US-A-3 985 258 (QUIGLEY et al.) * Column 2, line 43 - column 3, line 59; figures 1,2 *	4	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	--- GB-A-2 149 757 (BUCKHORN MATERIAL HANDLING GROUP INC.) * Page 2, lines 24-35; page 2, line 103 - page 3, line 8; page 3, line 116 - page 4, line 29; page 4, lines 78-101; figures 1,2,23 *	5,9-11	B 65 D E 05 D
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-07-1987	Examiner KERGUENO J.P.D.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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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 (Int. Cl. 4)
A	US-A-2 553 607 (ROSENBERG) * Column 2, line 39 - column 3, line 36; column 4, lines 64-72; figures 2,3,7-9 * -----	7,8	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
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