

12

EUROPEAN PATENT APPLICATION

21 Application number: **89110760.9**

51 Int. Cl.⁵: **B65D 1/02**

22 Date of filing: **14.06.89**

30 Priority: **17.06.88 US 209084**

43 Date of publication of application:
20.12.89 Bulletin 89/51

64 Designated Contracting States:
AT BE CH DE ES FR GB GR IT LI LU NL SE

88 Date of deferred publication of the search report:
16.05.90 Bulletin 90/20

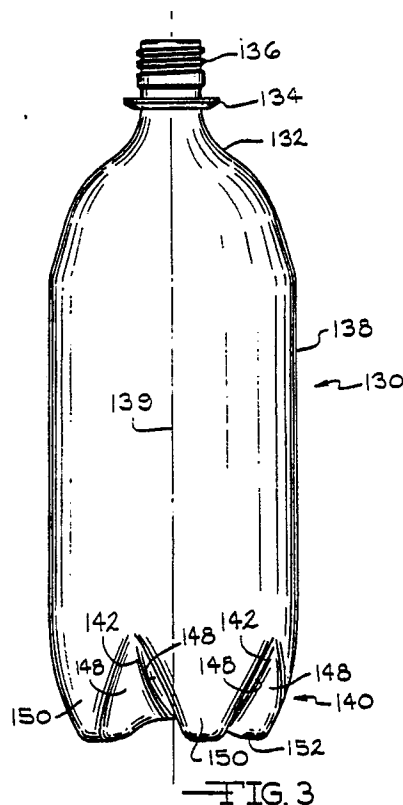
71 Applicant: **HOOVER UNIVERSAL INC**
825, Victors Way
Ann Arbor Michigan 48104(US)

72 Inventor: **Behm, Dale Herbert**
9928 Bay Tree Court
Alta Loma California 91701(US)
Inventor: **Plummer, George Allen**
7015 236th Street
Graham Washington 98338(US)

74 Representative: **Hoeger, Stellrecht & Partner**
Uhlandstrasse 14 c
D-7000 Stuttgart 1(DE)

54 **Blow molded one-piece bottle and method for making same.**

57 A one piece self supporting blow molded plastic container (130) having a generally cylindrical side wall (138) and a plurality of hollow legs extending downwardly from the side wall. The legs terminate in substantially planar feet (152) having radially outer edges (154) forming a non-continuous support surface engaging area having a diameter slightly less than the diameter of the tubular side wall. A generally horizontal center section (146) is disposed in the center of the container radially inwardly of the legs and merging with the inner edges (156) of the feet. V-shaped ribs extend radially outwardly and upwardly from said center section so as to circumferentially separate said legs.



EP 0 346 858 A3



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	GB-A-2 098 167 (OWENS-ILLINOIS) * The whole document *	1-10	B 65 D 1/02
X	WO-A-8 605 462 (MERIMATE LTD) * Page 3, line 34 - pge 5, line 29; page 6, line 4 - page 7, line 26; figures 1-5,8,9 *	1,2,3,6 7-10	
A		4,5	
P,X	US-A-4 785 949 (KRISHNAKUMAR) * The whole document *	1,3,4-10	
A	GB-A-2 044 211 (YOSHINO KOGYOSHO)		
A	EP-A-0 244 128 (FIBRENYLE LTD)		
A	US-A-4 249 667 (POCOCK)		
A	EP-A-0 225 155 (MENDLE)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 65 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-02-1990	Examiner MARTENS L.G.R.
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			