Europäisches Patentamt European Patent Office Office européen des brevets

11 Publication number:

0 409 508 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 90307712.1

(51) Int. Cl.5: A61D 19/00

Hamilton(NZ)

22) Date of filing: 13.07.90

(30) Priority: 21.07.89 NZ 230023

Date of publication of application:23.01.91 Bulletin 91/04

Designated Contracting States:
 AT BE DE ES FR GB IT NL

Date of deferred publication of the search report: 27.03.91 Bulletin 91/13

71 Applicant: CARTER HOLT HARVEY PLASTIC PRODUCTS GROUP LIMITED

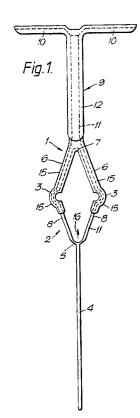
Te Rapa Road
Hamilton(NZ)

Inventor: Pryor, Raymond John, c/o Carter
Holt Harvey
Plastic Products Group Ltd., Te Rapa Road
Hamilton(NZ)
Inventor: Pharaoh, James Frederick, c/o
Carter Holt Harvey
Plastic Products Group Ltd., Te Rapa Road

Representative: Brown, John David et al FORRESTER & BOEHMERT
Widenmayerstrasse 4/I
W-8000 München 22(DE)

(A) Retention device for removable retention in a passage or cavity.

A retention device which can be removably retained in a body cavity or passage has branch members which are movably connected to each other such that two relative configurations may be obtained. In one configuration the branch members are nested inside one another for inserting the retention device in a cavity. Once in a cavity an operating member is used to displace the branch members to form the second configuration, being a diamond configuration in which parts of the branch members are resiliently expanded to bear against the walls of the cavity and retain the device.



EP 0 409 508 A3



EUROPEAN SEARCH REPORT

EP 90 30 7712

D	OCUMENTS CONSI	DERED TO BE RE	LEVANT	-		
Category	Citation of document with	n Indication, where appropriate, vant passages	Re	levant claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)	
Х	US-A-4 821 741 (R.S. MOI * Column 8, lines 1-9,30-65;		1-2	,5-6	F 16 B 13/08 A 61 F 6/14 A 61 D 19/00	
X	DE-C-2 716 57 (S. LEVY) * Whole document *		1-3			
Y Y	US-A-3 911 911 (A. SCOM * Column 1, lines 12-16; colu		1-2 * 4-6			
A	US-A-1 819 828 (C.C. TON * Claims 8,18; figures 4-7 * 	MKINSON) 	1-3	I		
	·			-	TECHNICAL FIELDS SEARCHED (Int. CI.5) A 61 D A 61 F A 61 M F 16 B	
	The present search report has	been drawn up for all claims				
	Place of search The Hague		Date of completion of search 07 January 91		Examiner NICE P.R.	
CATEGORY OF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same catagory 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 8: member of the same patent family, corresponding document			