

Search history

Search 1: TAC=(closure and lid) (Results 30925)

Search 2: TAC=(1 and hinge) (Results 4237)

Search 3: TAC=(2 and dispensing) (Results 532)

Search 4: TAC=(3 and bottle) (Results 32)

Title: **Bottle closures**

Abstract: Source: GB705808A 705,808. Stoppers. TODD, F. A. June 26, 1952 [June 27, 1951], No. 16140/52. Class 125 (3)
A stopper 6 usable as a pouring device has a screw-threaded skirt 8 a truncated conical head 10 with a groove 16 containing a packing ring 18 which holds in place a sealing disc 20, central bore 24 communicating with a spout 26 closed by a **hinged lid** 30 and an air vent passage 38. Connected to a passage 40 by a venturi restriction 42. The seal 20 is removed by means of a flap 22 and the stopper can then act as a pouring device, the venturi restriction 42 preventing liquid from pouring out of the air vent.

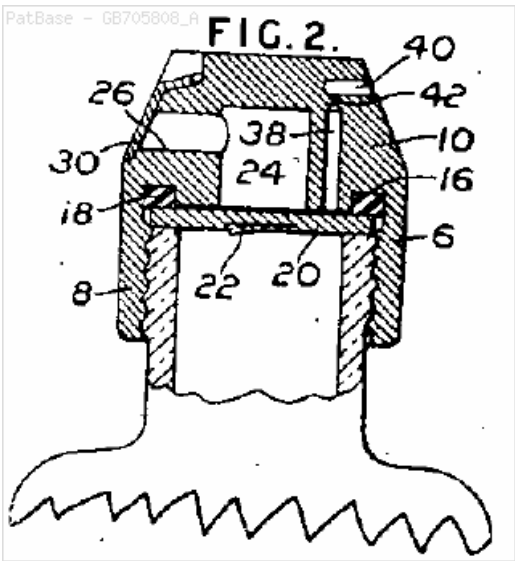
Classifications:

International (IPC 8-9): B65D47/08 (Advanced/Invention);
B65D47/08 (Core/Invention)

International (IPC 1-7): B65D47/32

CPC: B65D47/0876

European: B65D47/08D4



Family:

Publication number	Publication date	Application number	Application date
GB705808 A	19540317	GB19520016140	19520626

Probable Assignee: FRANK ANTHONY TODD

Assignee(s): (std): FRANK ANTHONY TODD

12) Family number: 8352131 (US5143234A)

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Title: Single walled **dispensing closures** with positive alignment means

Abstract: Source: US5143234A This invention is directed towards improvements in snap **hinge dispensing closures** for molded plastic **bottles**. In particular, snap **hinge closures** of single walled construction are provided with means for positively aligning with the front of the **bottle**, and a relatively deeper thumb recess for facilitating lifting of a snap **hinge closure lid**. Means are also disclosed to prevent reverse rotation of the **closure** once positive alignment is achieved. Other disclosed features include a plug to prevent leakage of the **bottle** contents and means for preventing axial pivoting of the **closure**.

Classifications:

International (IPC 8-9): B65D41/04 B65D43/14

B65D47/08 (Advanced/Invention);

B65D41/04 B65D47/08 (Core/Invention)

International (IPC 1-7): B65D41/04 B65D43/14 B65D47/00

B65D47/08 B65D55/02 B67B B67D3/00

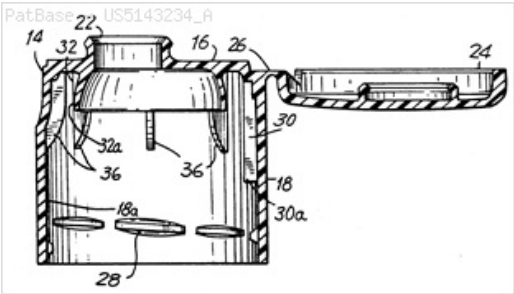
CPC: B65D41/0471 B65D47/0809 B65D47/0838 B65D2251/105

B65D2255/20

European: B65D41/04E B65D47/08B1 B65D47/08B4C

L65D251/10D4 L65D255/20

US: 215/216 215/235 215/237 215/331 215/354



Family:

Publication number	Publication date	Application number	Application date
AT175641 E	19990115	AT19920916597T	19920715
AU199223814 A1	19930316	AU19920023814	19920715
AU661947 B2	19950810	AU19920023814	19920715
CA2115645 AA	19940214	CA19922115645	19920715
CA2115645 C	20000418	CA19922115645	19920715
DE69228185 D1	19990225	DE19926028185	19920715
DE69228185 T2	19990909	DE19926028185T	19920715
EP0597946 A1	19940525	EP19920916597	19920715
EP0597946 A4	19960821	EP19920916597	19920715
EP0597946 B1	19990113	EP19920916597	19920715
IL102546 A0	19930114	IL19920102546	19920717
MX9204218 A1	19930501	MX19920004218	19920717
NZ243604 A	19950627	NZ19920243604	19920717
US5143234 A	19920901	US19910744089	19910812
WO9303972 A1	19930304	WO1992US05912	19920715
ZA9205354 A	19930719	ZA19920005354	19920717

Priority:

US19910744089 19910812 WO1992US05912 19920715

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