

Title (en)
HAND HELD FLUENT DISPENSING CONTAINERS

Title (de)
HAND-FLÜSSIGKEITSSABGABEBEHÄLTER

Title (fr)
RECIPIENTS DE DISTRIBUTION DE FLUIDE PORTATIFS

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Application
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Abstract (en)
[origin: WO03047981A2] The present invention is directed toward molded plastic re-sealable closures (1, 31) for use with a fluent dispensing container (2). The closures (1, 31) each have a rupturing member (12) and a cover (19) on whose initial opening causes the rupturing member to tear a tearable sealing to form a generally rectangular fluent exit aperture (4), and secures the torn away material remote from the fluent exit aperture to prevent it from blocking same during subsequent re-openings and re-sealings. The present invention is also directed to screw cap assemblies (41, 61) similar to the closures (1,31) but each having an axially displaceable puncturing member and a cap on whose initial unscrewing causes the puncturing member to puncture a tearable sealing to form a generally circular fluent exit aperture. The present invention is further directed to toggle cap assemblies (71, 81) for use with a hand squeezable plastic bottle, the toggle cap assemblies each including a latchable arrangement disposable from a sealing position for preventing the dispensing of a bottle's contents to a flow communication position for enabling the dispensing of a bottle's contents on squeezing the bottle, and vice versa on applying a force against an exposed surface of the latchable arrangement in the direction of the bottle's interior. The present invention is still further directed to a collapsible plastic bottle (91), and a dual container dispenser (101).

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Citation (search report)

- [XDA] US 4915290 A 19900410 - ROBICHAUD ARTHUR W [US], et al
- [A] US 6279769 B1 20010828 - DUVANDER PATRIK [SE], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04 30 April 1999 (1999-04-30)
- See references of WO 03047981A2

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