



US005230433A

United States Patent [19]

[11] Patent Number: 5,230,433

Hamilton et al.

[45] Date of Patent: Jul. 27, 1993

[54] ADULT FRIENDLY CHILD-RESISTANT ATTACHMENT FOR CONTAINERS USED TO STORE POTENTIALLY DANGEROUS MATERIALS

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[21] Appl. No.: 826,747

[22] Filed: Jan. 28, 1992

[51] Int. Cl.⁵ B65D 55/02

[52] U.S. Cl. 215/221; 215/204; 215/211; 215/213; 215/216

[58] Field of Search 215/204, 209, 211, 213, 215/216, 221

[57] ABSTRACT

A child resistant attachment for containers used for storing and dispensing potentially dangerous materials, such as medicament tablets or the like, the attachment being resistant to opening by children but readily openable by adults, particularly adults having impaired manual dexterity of their hands and/or fingers. In a particularly preferred embodiment, the attachment comprises a finish portion including thread ring with an integrally molded annular tab ring or collar generally concentric to the thread ring and a closure which is releasably secured to the thread ring by means of complementary screw threads. The tab ring or collar preferably includes a pair of resiliently deformable spring-like push-tabs containing vertical extensions which engage interlocking pawls on the innermost surface of the closure skirt when the closure is fully assembled onto the finish portion. To remove the closure, the opposed push-tabs must be depressed prior to applying unscrewing torque to the closure to disengage the push-tab extensions from the interlocking pawls on the closure. In a particularly preferred embodiment, the finish portion of the child resistant attachment of the present invention is integrally molded with the container in a ready to use configuration without the need for additional assembly or molding operations. Methods for producing the child resistant attachment and child resistant packages employing it are also disclosed.

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15 Claims, 11 Drawing Sheets

