

Title (en)
Child-resistant dispensing closure.

Title (de)
Kindersicherer Abgabeverchluss.

Title (fr)
Bouchon verseur résistant aux enfants.

Publication
EP 0023396 A1 19810204 (EN)

Application
EP 80302262 A 19800703

Priority
• US 6183279 A 19790730
• US 10864279 A 19791231

Abstract (en)
A child-resistant dispensing closure fabricated from resilient material has an inverted cup-shaped body and an axially protruding nozzle (31). A saucer-shaped lid (23) for closing the nozzle is connected to the body by a flexible hinge which is unitary with the body and the lid and which is located at one edge of the body. Cooperating means (42) for retaining the lid in closed position overlying the body and the nozzle comprise catch means being located diametrically opposite the hinge. The lid has a maximum diameter no greater than the diameter of the top of the body. The catch means may be at least partially disengaged by moving the lid laterally relative to the body so that a portion of the lid protrudes radially beyond the top of the body. By grasping the protruding portion of the lid, the lid then may be swung angularly away from closing position.

IPC 1-7
B65D 47/00; **B65D 47/08**

IPC 8 full level
B65D 47/08 (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP)
B65D 47/0838 (2013.01); **B65D 47/0842** (2013.01); **B65D 50/045** (2013.01); **B65D 2251/1016** (2013.01); **B65D 2255/20** (2013.01)

Citation (search report)
• AT 230757 B 19631230 - KRAUTKRAEMER ADAM [DE]
• US 4002275 A 19770111 - CROWLE WILLIAM G, et al
• DE 2649218 A1 19771124 - POLYTOP CORP
• DE 2749946 A1 19780524 - POLYTOP CORP
• US 3927805 A 19751223 - STULL MORTON B
• US 4010875 A 19770308 - BABIOL PIERRE
• US 3888374 A 19750610 - SMITH THOMAS DAVID
• GB 1484517 A 19770901 - NOVA HANDELS AG
• US 3894655 A 19750715 - MATTHEIS HARLEY H, et al

Cited by
CN109476407A; FR2706865A1; CN114173739A; EP3968933A4; US10850894B2; WO2017207710A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0023396 A1 19810204; **EP 0023396 B1 19830824**; AU 537480 B2 19840628; CA 1128006 A 19820720; DE 3064628 D1 19830929

DOCDB simple family (application)
EP 80302262 A 19800703; AU 6029680 A 19800710; CA 357328 A 19800730; DE 3064628 T 19800703