

Title (en)
CHILDPROOF CLOSURE

Publication
EP 0025966 B1 19830615 (DE)

Application
EP 80105537 A 19800916

Priority
DE 2938386 A 19790922

Abstract (en)
[origin: EP0025966A1] 1. Child-proof safety lock made of plastics material, for containers having a neck and a screw thread in the form of a screw cap (1), and a locking or stop ring (4) which covers a transfer ring on the container neck and the elastic deformation of which can cause the lock to be unscrewed, characterised in that the locking ring (4) has an inner locking step or shoulder (5), which is approximately triangular in cross-section, and at least one axially parallel slot (6), that the locking ring (4) is surrounded by an outer ring (7) which is connected to the locking ring (4) via at least two diagonal braces (9, 10) and, in the area of the or an axially parallel slot (6) of the locking ring (4), has a deformable section (11) which, when subjected to radial pressure as a result of an increase in its radius of curvature via the diagonal braces (9, 10) adjacent to the axially parallel slot (6), causes the locking ring (4) to expand during enlargement of the axially parallel slot (6) in such a manner that the locking ring (4) can slide over the transfer ring on the container neck, and that the cap (1), locking ring (4), outer ring (7) and diagonal braces (9, 10) are designed in one piece.

IPC 1-7
B65D 41/04; **B65D 55/02**

IPC 8 full level
B65D 50/04 (2006.01)

CPC (source: EP)
B65D 50/046 (2013.01)

Cited by
FR2536722A1; EP2230188A1; US7621411B2

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DOCDB simple family (publication)
EP 0025966 A1 19810401; **EP 0025966 B1 19830615**; DE 2938386 A1 19810409

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