

Title (en)

Single-piece child-proof screw lock

Title (de)

Einteiliger, kindersicherer Schraubverschluss

Title (fr)

Fermeture à vis en une pièce avec protection enfant

Publication

EP 2230188 B1 20130213 (DE)

Application

EP 10002616 A 20100312

Priority

DE 102009013209 A 20090317

Abstract (en)

[origin: EP2230188A1] The single-piece child-proof screw lock (1) is made of plastic, and has an internal thread (5), where a projection (14) is formed inside at the lower side of the lock, which engages the collar in the fully closed lock. The lock forms a vertical gap to the collar, approximately at the height of the projection, but with circumferential distance, such that the projection is released from collar and the lock is unscrewed by deformation of the lock by pressing against the collar at the point of the gap.

IPC 8 full level

B65D 41/34 (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP)

B65D 41/3447 (2013.01); **B65D 50/046** (2013.01)

Citation (examination)

WO 9855373 A2 19981210 - CROSSCO 262 LIMITED [GB], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2230188 A1 20100922; EP 2230188 B1 20130213; DE 102009013209 A1 20100930

DOCDB simple family (application)

EP 10002616 A 20100312; DE 102009013209 A 20090317