

Title (en)

SAFETY LOCK STRUCTURE FOR PACKAGING BOX

Title (de)

SICHERHEITSVERRIEGELUNGSSTRUKTUR FÜR VERPACKUNGSKARTON

Title (fr)

STRUCTURE DE VERROUILLAGE DE SÉCURITÉ POUR BOÎTE D'EMBALLAGE

Publication

EP 3686123 A4 20201028 (EN)

Application

EP 19772637 A 20190624

Priority

- CN 201822071631 U 20181210
- CN 2019092474 W 20190624

Abstract (en)

[origin: EP3686123A1] The present application discloses a container for preventing children from opening, including a cover body and a container body having a neck finish. The neck finish is provided with external threads, and the cover body is provided with internal threads. The side wall of the cover body is provided with at least two pressing portions, and the inner wall of each pressing portion is provided with a flexible snap. The upper end surface of the container body is provided with a blocking portion corresponding to each flexible snap. When the cover body and the container body are screwed tightly, the flexible snap and the blocking portion are engaged with each other. The advantages are that when the cover body needs to be opened, it requires the container body to be held by one hand, and the pressing portions are pressed by the other hand, so that the flexible snaps and the blocking portions are separated from each other, and the cover body is rotated, so that cover body can be opened. Due to the limitations of the size of children's hands, children cannot press the two pressing portions with one hand, thus cannot open the cover body, this can prevent children from eating the contents of the container body. During the process of tightening the cover body and the container body, the blocking portion slides into and is engaged with the notch snap groove, and the cover body and the container body are stably closed.

IPC 8 full level

B65D 51/04 (2006.01); **B65D 50/04** (2006.01)

CPC (source: EP KR)

B65D 1/02 (2013.01 - KR); **B65D 41/0471** (2013.01 - KR); **B65D 50/046** (2013.01 - EP)

Citation (search report)

- [XY] US 2017349341 A1 20171207 - GIRARDOT RICHARD MICHAEL [US], et al
- [XY] US 6112921 A 20000905 - ROBINSON PHILIP J [US]
- [XY] JP 2018034849 A 20180308 - YOSHINO KOGYOSHO CO LTD
- See references of WO 2020119061A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

EP 19772637 A 20190624; AU 2019101793 A 20190624; AU 2019396151 A 20190624; CN 201822071631 U 20181210; CN 2019092474 W 20190624; JP 2019600138 U 20190624; KR 20197000079 U 20190624; PL 19772637 T 20190624; RU 2019129493 A 20190624; SG 11202103150T A 20190624