

Title (en)

FORMING METHOD, UNIT AND APPARATUS FOR THE MANUFACTURING OF CHILD-PROOF CONTAINERS

Title (de)

FORMUNGSVERFAHREN, -EINHEIT UND -VORRICHTUNG ZUR HERSTELLUNG KINDERSICHERER BEHÄLTER

Title (fr)

PROCÉDÉ DE FORMATION, UNITÉ ET APPAREIL DE FABRICATION DE RÉCIPIENTS À L'ÉPREUVE DES ENFANTS

Publication

EP 4197922 A1 20230621 (EN)

Application

EP 21215807 A 20211220

Priority

EP 21215807 A 20211220

Abstract (en)

Forming method, unit and apparatus for the manufacturing of containers (10) for detergent pods and the like, comprising a container body (12) and a cover (14) having a pair of engagement tabs (48) which in a closed configuration of the cover (14) within the container body (12) engage respective windows (30) to form child-proof engagement formations. A pair of pushing members (70, 74) are provided to enter into the container body (12) through the through holes (28) and associated windows (30) so as to displace the stop flaps (50) substantially perpendicularly to the body side walls (22).

IPC 8 full level

B65B 7/20 (2006.01); **B65B 7/24** (2006.01); **B65B 7/28** (2006.01); **B65D 5/66** (2006.01)

CPC (source: EP)

B65B 7/24 (2013.01); **B65B 7/2857** (2013.01); **B65D 5/6667** (2013.01); **B65D 2215/02** (2013.01)

Citation (applicant)

EP 21166876 A 20210406

Citation (search report)

- [IAY] NL 1020300 C2 20031007 - KAPPA PACKAGING [NL]
- [IAY] US 3394529 A 19680730 - GREENWAY GERALD W
- [Y] US 4196563 A 19800408 - FENSKE HARVEY J [US], et al

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 (publication)

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