

## Title (en)

Anti-choking safety cap assembly for a container, containers therewith and method for production of a filled container with an anti-choking cap assembly

## Title (de)

Eine Verstopfung verhindernde Sicherheitsverschlussbaugruppe für einen Behälter, Behälter mit solchen Verschlüssen und Verfahren zur Herstellung eines befüllten Behälters mit einer eine Verstopfung verhindernden Sicherheitsverschlussbaugruppe

## Title (fr)

Ensemble de capuchon de sécurité anti-étouffement pour récipient, récipients munis d'un tel ensemble et méthode de fabrication d'un récipient rempli muni d'un ensemble de capuchon de sécurité anti-étouffement

## Publication

**EP 2033906 A1 20090311 (EN)**

## Application

**EP 08163746 A 20080905**

## Priority

- EP 07075771 A 20070907
- EP 08163746 A 20080905

## Abstract (en)

An anti-choking safety cap assembly for a container comprises a unitary plastic cap body and a unitary plastic anti-choking body. The cap body (1) has a closed top end (2) and an annular skirt (3) extending downwards from the top end to a lowermost skirt edge (4), the skirt having an upper skirt portion (3a) and a lower skirt portion (3b), the lower skirt portion generally having greater cross-sectional outer dimensions than the upper skirt portion, the skirt having a shoulder face (5) between said upper and lower skirt portions, the upper skirt portion (3a) adjacent said shoulder face being provided with gripping ribs (7). The anti-choking body (20) has an inner portion (21) with an inner face (22) delimiting an opening (23) through said anti-choking body, said inner face having an upper inner face portion (22a), a lower inner face portion (22b), and a shoulder face (23), said lower inner face portion (22b) being substantially complementary to the cross-sectional outer dimensions of the lower skirt portion (3b) near the shoulder face (5) of the skirt of the cap body (1), the upper inner face portion (22a) having one or more teeth (25) each adapted to be received between neighbouring gripping ribs (7). The anti-choking body (20) further has one or more outer portions (28) integral with the inner portion (21) and of greater cross-sectional dimensions than said inner portion so as to prevent choking of a person by the assembly. The cap body (1) extends with its skirt (3) through said opening of the anti-choking body, such that the shoulder faces (5,22c) of said cap body and said anti-choking body abut one another and the lower skirt portion (3b) fits in said lower inner face portion (22b), the one or more teeth (25) of the anti-choking body being each received between neighbouring gripping ribs (7).

## IPC 8 full level

**B65D 51/24** (2006.01)

## CPC (source: EP)

**B65D 51/24** (2013.01); **B65D 2213/00** (2013.01)

## Citation (search report)

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## 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 MT NL NO PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA MK RS

## DOCDB simple family (publication)

**EP 2033906 A1 20090311**; **EP 2033906 B1 20101201**; AT E490192 T1 20101215; DE 602008003722 D1 20110113

## DOCDB simple family (application)

**EP 08163746 A 20080905**; AT 08163746 T 20080905; DE 602008003722 T 20080905