

## Title (en)

Device for packaging and dispensing a product

## Title (de)

Vorrichtung zur Verpackung und Verteilung eines Produkts

## Title (fr)

Dispositif de conditionnement et de distribution d'un produit

## Publication

**EP 2295336 A1 20110316 (FR)**

## Application

**EP 10175611 A 20100907**

## Priority

FR 0956208 A 20090910

## Abstract (en)

The device has a distribution head (2) welded on a body (10) of a container (1), where the body comprises a layer made of a mixture of polypropylene and polyethylene e.g. low density linear polyethylene. The distribution head comprises a base plate (20) provided with a distribution opening (200) and a flap (21) that is movable between a closing position and a releasing position of the opening. The distribution head is made of polypropylene by injection molding, and the base plate comprises a reinforcement unit provided with curved profile ribs.

## Abstract (fr)

La présente invention concerne un dispositif de conditionnement et de distribution d'un produit, notamment cosmétique, comprenant: - un corps (10) de récipient (1), - une tête de distribution (2) soudée sur ce corps (10), l'un parmi le corps (10) et la tête (2) comprenant une couche d'un mélange de polypropylène et de polyéthylène, et l'autre étant constitué de polypropylène, le polyéthylène du mélange étant présent à hauteur de 20 à 50%.

## IPC 8 full level

**B65D 35/12** (2006.01)

## CPC (source: EP US)

**B65D 35/12** (2013.01 - EP US)

## Citation (applicant)

- DE 20311719 U1 20041209 - TUBEX GMBH [DE]
- EP 0668216 A1 19950823 - TUBEX GMBH [DE]
- EP 1010639 A1 20000621 - TANI KANARI [JP]
- EP 1138605 A2 20011004 - HOSOKAWA YOKO KK [JP]
- FR 2737704 A1 19970214 - CEBAL [FR]
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- JP 2005001717 A 20050106 - DAINIPPON PRINTING CO LTD
- US 5690764 A 19971125 - DIRKSING WILLIAM P [US], et al
- US 6405896 B2 20020618 - JUD WILFRIED [DE], et al
- WO 2005056410 A1 20050623 - BORMIOLI ROCCO & FIGLIO SPA [IT], et al
- US 6511568 B1 20030128 - ECKSTEIN JOHN P [US], et al

## Citation (search report)

- [AD] US 6511568 B1 20030128 - ECKSTEIN JOHN P [US], et al
- [A] EP 1394071 A1 20040303 - MITSUBISHI CHEM CORP [JP], et al
- [AD] US 6405896 B2 20020618 - JUD WILFRIED [DE], et al

## Designated contracting state (EPC)

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## Designated extension state (EPC)

BA ME RS

## DOCDB simple family (publication)

**EP 2295336 A1 20110316; EP 2295336 B1 20120321**; AT E550263 T1 20120415; ES 2384696 T3 20120711; FR 2949761 A1 20110311; FR 2949761 B1 20111202; US 10364069 B2 20190730; US 2011226792 A1 20110922

## DOCDB simple family (application)

**EP 10175611 A 20100907**; AT 10175611 T 20100907; ES 10175611 T 20100907; FR 0956208 A 20090910; US 87879010 A 20100909