

Title (en)

Item with a labelled surface and device for labelling an item

Title (de)

Artikel mit einer etikettierten Mantelfläche und Vorrichtung zum Etikettieren eines Artikels

Title (fr)

Article à surface étiquetée et dispositif pour étiqueter un article

Publication

EP 1634817 A3 20060913 (DE)

Application

EP 05019595 A 20050908

Priority

DE 202004013947 U 20040908

Abstract (en)

[origin: EP1634817A2] The label (3) contains air exit holes (5) in the area intended to cover the radially-recessed waist region (2c) of the article (1). The air exit holes are formed by at least one perforation line. The article comprises upper and lower cylindrical mantle sections (2a, 2b) connected via radially-recessed waist region. An independent claim is also included for a labelling device for these articles, which includes a means for forming air exit holes in the label.

IPC 8 full level

B65D 23/08 (2006.01); **B65C 3/16** (2006.01); **B65C 9/00** (2006.01); **G09F 3/02** (2006.01)

CPC (source: EP US)

B65C 3/166 (2013.01 - EP US); **B65C 9/0015** (2013.01 - EP US); **B65D 23/0878** (2013.01 - EP US); **Y10T 156/12** (2015.01 - EP US)

Citation (search report)

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- [X] EP 0437022 A1 19910717 - SHIBUYA AMERICA CORP [US]
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- [X] EP 1130070 A2 20010905 - NAT STARCH CHEM INVEST [US]
- [A] US 4704173 A 19871103 - HOFFMAN WOLFGANG [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2006048417 A1 20060309; AT E412581 T1 20081115; DE 202004013947 U1 20050217; DE 502005005789 D1 20081211; EP 1634817 A2 20060315; EP 1634817 A3 20060913; EP 1634817 B1 20081029

DOCDB simple family (application)

US 20739705 A 20050818; AT 05019595 T 20050908; DE 202004013947 U 20040908; DE 502005005789 T 20050908; EP 05019595 A 20050908