

Title (en)

A container for product with less packaging material

Title (de)

Behälter aus weniger Verpackungsmaterial

Title (fr)

Récipient constitué d'une quantité réduite de matériau

Publication

**EP 1527999 B1 20070627 (EN)**

Application

**EP 03024855 A 20031031**

Priority

EP 03024855 A 20031031

Abstract (en)

[origin: EP1527999A1] The invention concerns a container comprising a body (1) formed by walls (2) and a bottom (3), having in its greater section in dimension  $d_{<sub>1</sub>}$  and a neck (4) with an internal diameter  $d_{<sub>2</sub>}$ , said container being made from a semi-crystalline PET, the body of said container comprising at its bottom at least three feet spaced from each other and being integral with said body, wherein for the body, the ratio weight of the walls on weight of the bottom is comprised between 3 and 4 and wherein the ratio volume of the body of the container, expressed in ml, per gram of PET of the body is comprised between 80 and 120.

IPC 8 full level

**B65D 1/02** (2006.01)

CPC (source: EP KR US)

**B65D 1/02** (2013.01 - KR); **B65D 1/0223** (2013.01 - EP US); **B65D 1/023** (2013.01 - EP US); **B65D 1/26** (2013.01 - KR)

Cited by

EP1777164A1; US8053009B2; US9725293B2; US2009194561A1; WO2014101957A1; EP3722219A1; WO2007045648A1; WO2014101956A1; US9828166B2; US8043552B2; US9011756B2; WO2009053616A1; WO2020208243A1; EP3953262B1

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**EP 1527999 A1 20050504**; **EP 1527999 B1 20070627**; AR 047623 A1 20060201; AT E365683 T1 20070715; BR PI0416065 A 20070102; CA 2544044 A1 20050526; CA 2544044 C 20120522; CN 100545046 C 20090930; CN 1886301 A 20061227; DE 60314637 D1 20070809; DE 60314637 T2 20071025; EG 24116 A 20080702; EP 1682416 A1 20060726; ES 2289226 T3 20080201; KR 20060111469 A 20061027; PT 1527999 E 20071004; SI 1527999 T1 20080430; TW 200526473 A 20050816; US 2007108156 A1 20070517; WO 2005047120 A1 20050526; ZA 200604430 B 20070926

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**EP 03024855 A 20031031**; AR P040103998 A 20041029; AT 03024855 T 20031031; BR PI0416065 A 20041015; CA 2544044 A 20041015; CN 200480035443 A 20041015; DE 60314637 T 20031031; EG NA2006000402 A 20060403; EP 04790459 A 20041015; EP 2004011606 W 20041015; ES 03024855 T 20031031; KR 20067008431 A 20060429; PT 03024855 T 20031031; SI 200330947 T 20031031; TW 93132832 A 20041028; US 59561804 A 20041015; ZA 200604430 A 20060530