

Title (en)

Container, in particular a bottle, made from thermoplastic material equipped with a reinforced bottom

Title (de)

Behälter, insbesondere Flasche, aus thermoplastischem Material mit verstärktem Boden

Title (fr)

Récipient, notamment bouteille, en matière thermoplastique équipé d'un fond renforcé

Publication

**EP 2133277 B1 20101110 (FR)**

Application

**EP 09162293 A 20090609**

Priority

FR 0853921 A 20080613

Abstract (en)

[origin: EP2133277A1] The container has a body extending between a neck and a base (3) that has an annular zone (5) surrounding a bottom of a concave arch (4) and forming a plane seat. The base has clamp zones (11) separated from each other and extending a bottom of the body radially in a direction of a central axis of the base, where the clamp zones project offset outward relative to the arch. Radial grooves (12) are radially defined between the clamp zones and have a bottom (13) formed by radial sections (4a) of the arch. The grooves have a radially variable depth maximum in line with the annular zone.

IPC 8 full level

**B65D 1/02** (2006.01)

CPC (source: EP US)

**B65D 1/0284** (2013.01 - EP US)

Cited by

WO2014083255A1; FR3022223A1; US11548678B2; DE102013101332A1; CN101913447A; US10358250B2; WO2015189515A1; FR2991302A1; FR2998877A1; JP2019533616A; EP3535192A4; US9415891B2; US9758271B2; WO2013178905A1

Designated contracting state (EPC)

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**EP 2133277 A1 20091216; EP 2133277 B1 20101110**; AT E487664 T1 20101115; CN 101633417 A 20100127; CN 101633417 B 20120125; DE 602009000335 D1 20101223; ES 2355932 T3 20110401; FR 2932458 A1 20091218; FR 2932458 B1 20100820; JP 2009298483 A 20091224; JP 4860724 B2 20120125; MX 2009006478 A 20100115; US 2009308835 A1 20091217; US 8469214 B2 20130625

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