

Title (en)  
Plastic bottle

Title (de)  
Kunststoffflasche

Title (fr)  
Bouteille en plastique

Publication  
**EP 2036820 A3 20090819 (DE)**

Application  
**EP 08162582 A 20080819**

Priority  
DE 202007011803 U 20070821

Abstract (en)  
[origin: US2009050597A1] A container made from plastic for holding beverages. The container comprises a mouth, a wall section which adjoins the mouth in a longitudinal direction (L) of the container, and a base section which is designed as a standing face. The wall section merges into the base section. The container is formed in one piece. The base section has an injection point located in the interior in a radial direction (R) with respect to the longitudinal direction (L), and a central region which surrounds this injection point, and also a transition section which extends from the central region to the wall section. The transition section has a curvature with a finite radius of curvature in at least one and preferably in every radial direction (R) of the container in every geometric sub-section.

IPC 8 full level  
**B65D 1/02** (2006.01)

CPC (source: EP US)  
**B65D 1/0284** (2013.01 - EP US)

Citation (search report)

- [X] WO 9828193 A1 19980702 - BALL CORP [US], et al
- [X] US 3935955 A 19760203 - DAS SALIL K
- [X] FR 2856380 A1 20041224 - SIDEL SA [FR]

Cited by  
DE102017006510A1; EP4321447A1; DE102022120143A1

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)  
**US 2009050597 A1 20090226; US 8109397 B2 20120207**; AT E495980 T1 20110215; CN 101372268 A 20090225; CN 101372268 B 20110907; DE 202007011803 U1 20071031; DE 502008002366 D1 20110303; EP 2036820 A2 20090318; EP 2036820 A3 20090819; EP 2036820 B1 20110119

DOCDB simple family (application)  
**US 19570908 A 20080821**; AT 08162582 T 20080819; CN 200810213691 A 20080821; DE 202007011803 U 20070821; DE 502008002366 T 20080819; EP 08162582 A 20080819