

Title (en)

Plastic moulded bottle and mould for manufacturing it.

Title (de)

Geformte Flasche aus Kunststoff und Formwerkzeug dafür.

Title (fr)

Bouteille moulée en matière plastique et moule de fabrication.

Publication

**EP 0673840 A1 19950927 (FR)**

Application

**EP 95400525 A 19950313**

Priority

FR 9403045 A 19940316

Abstract (en)

A moulded plastic bottle, with a reinforced base, has a concave centre section (26) leading into a flat ring surface (28) to the convex peripheral rim (30) to rest on the flat supporting surface (32) to hold the bottle. Radial grooves (38) are shaped in the peripheral rim surface (30), running at a tangent to the flat ring surface (28). The plastic is e.g. PET or PVC, for injection or blow moulding. Also claimed is a mould with the required structure to impose the base shape and construction.

Abstract (fr)

Bouteille moulée en matière plastique, comprenant un fond à résistance et à stabilité améliorées, ce fond comprenant une partie centrale concave (26) reliée par une surface annulaire plane (28) à une surface périphérique convexe (30) d'appui sur une surface de support (32), des rainures radiales (38) étant formées dans ladite surface annulaire convexe (30) et raccordées tangentiellement à la surface annulaire plane (28). <IMAGE>

IPC 1-7

**B65D 1/02**

IPC 8 full level

**B29C 49/08** (2006.01); **B29C 49/48** (2006.01); **B65D 1/02** (2006.01); **B65D 1/42** (2006.01)

CPC (source: EP US)

**B65D 1/0284** (2013.01 - EP US); **B65D 2501/0027** (2013.01 - EP US); **B65D 2501/0081** (2013.01 - EP US)

Citation (search report)

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- [A] FR 2446228 A1 19800808 - YOSHINO KOGYOSHO CO LTD [JP]
- [A] WO 9324377 A1 19931209 - PROCTER & GAMBLE [US], et al
- [A] GB 2034663 A 19800611 - YOSHINO KOGYOSHO CO LTD

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 5713480 A 19980203**; AT E153295 T1 19970615; CA 2184390 A1 19950921; DE 69500307 D1 19970626; DE 69500307 T2 19971218; EP 0673840 A1 19950927; EP 0673840 B1 19970521; FR 2717443 A1 19950922; FR 2717443 B1 19960419; JP H09510168 A 19971014; WO 9525041 A1 19950921

DOCDB simple family (application)

**US 69696896 A 19960828**; AT 95400525 T 19950313; CA 2184390 A 19950313; DE 69500307 T 19950313; EP 95400525 A 19950313; FR 9403045 A 19940316; FR 9500291 W 19950313; JP 52387395 A 19950313