

Title (en)
PLASTIC BOTTLES

Title (de)
KUNSTSTOFFFLASCHEN

Title (fr)
BOUTEILLES EN PLASTIQUE

Publication
EP 1675773 A1 20060705 (EN)

Application
EP 04773674 A 20040930

Priority

- JP 2004014813 W 20040930
- JP 2003343481 A 20031001

Abstract (en)
[origin: WO2005032958A1] Plastic bottles (1) which are characterized in that: they are composed of neck (2), shoulder (3), body (4) and bottom (5); the cross-sectional shape at the body (3) is a regular polygon, the number of angles of which is an even number of not less than 4 nor more than 32; each angle of the polygon is rounded off by an arc (8) whose radius is not longer than half the radius of a circle circumscribed about the cross-sectional shape at body (3); cross-sectional shapes have the same shape at any portion of body (3); circles circumscribed about the cross-sectional shapes are identical with one another; the circumscribed circles have a center on the vertical central axis of body (3); and the cross-sectional shape of body (3) rotates around said central axis in proportion to height along said central axis.

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B65D 1/0223 (2013.01 - EP US); **B29C 49/06** (2013.01 - EP US); **B29C 49/071** (2022.05 - EP US); **B29C 49/08** (2013.01 - EP US); **B29C 49/6605** (2022.05 - EP); **B29C 2949/0715** (2022.05 - EP); **B29C 2949/0773** (2022.05 - EP US); **B29C 2949/0777** (2022.05 - EP US); **B29K 2023/06** (2013.01 - EP US); **B29K 2023/12** (2013.01 - EP US); **B29K 2067/00** (2013.01 - EP US); **B65D 2501/0018** (2013.01 - EP US)

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