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(71) 申请人(对除美国以外的所有指定国): 珠海中富聚酯啤酒瓶有限公司(ZHUHAI ZHONG FU PET BEER BOTTLE CO., LTD.) [CN/CN]; 中国广东省珠海市保税区1号地, Guangdong 519070 (CN)。

(72) 发明人;及

(75) 发明人/申请人(仅对美国): 黄朝晖(WONG, Choi, Fai) [CN/CN]; 中国广东省珠海市保税区1号地, Guangdong 519070 (CN)。

(74) 代理人: 中科专利商标代理有限责任公司(CHINA SCIENCE PATENT & TRADEMARK AGENT LTD); 中国北京市海淀区海淀路80号中科大厦16层, Beijing 100080 (CN)。

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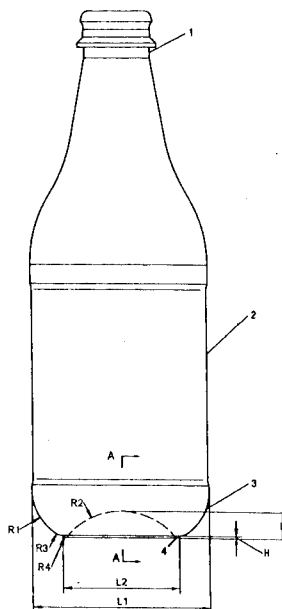
UM:实用新型

本国际公布:
— 包括国际检索报告。

所引用双字母代码和其它缩写符号, 请参考刊登在每期PCT公报期刊起始的“代码及缩写符号简要说明”。

(54) Title: POLYESTER BOTTLE FOR BEER

(54) 发明名称: 聚酯啤酒瓶



(57) Abstract: A polyester bottle for beer includes an opening, a body and a bottom, which are formed once by blow moulding with polyester bottle parison. Wherein the intersection of the formed side wall of the body and the bottle bottom plane is circle arc having radius of 15-25 mm; Said bottle bottom has a concaved dome, the radius of curved dome surface is 20-35 mm, and the distance from the top of the dome to the bottle bottom plane is 7-15mm; Said dome has protrusion projecting outward formed at the bottle bottom, the height of the protrusion is 0.1-5 mm; Said side wall and the bottom of the bottle are connected with curved surfaces having various radius, wherein the radius of the first curved surface is 3-8 mm, the radius of second curved surface is 0.5-2 mm. The ratio between the maximum diameter of the bottle bottom and the diameter of said bottom protrusion is in the range of 1.2-1.7.

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(57) 摘要

一种聚酯啤酒瓶，包括瓶口、瓶身和瓶底，它们由聚酯瓶坯一次吹塑成型。其中，被成型的瓶底和瓶身的交接处至瓶底部平面交接处的侧面截面成圆弧形，其半径在 15-25 mm 范围内；所述瓶底向内凹入的穹顶形曲面的截面半径在 20-35 mm 范围内，并且穹顶形曲面的顶部至瓶子底部所在平面的距离在 7-15mm 范围内；所述穹顶形曲面部分在瓶子底部形成向外凸起的部分，凸起高度 0.1-5mm 范围内；所述侧面曲面与穹顶形曲面在瓶子底部分别通过不同半径的曲面过渡连接，其中第一过渡曲面半径在 3-8mm 范围内，第二过渡曲面半径在 0.5-2mm 范围内。瓶子底部最大直径与瓶子底面上凸起部分的直径之比在 1.2-1.7 范围内。