

Title (en)

BOTTOM STRUCTURE FOR A PLASTIC BOTTLE

Title (de)

BODENKONSTRUKTION FÜR EINE KUNSTSTOFFFLASCHE

Title (fr)

STRUCTURE DE FOND POUR UNE BOUTEILLE EN PLASTIQUE

Publication

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Application

**EP 11758410 A 20110921**

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- EP 2011004717 W 20110921

Abstract (en)

[origin: WO2012038075A1] The present invention relates to a bottom structure for a plastic bottle, in particular for beverages under pressure, comprising an annular edge portion (6), which is preferably integral with the side wall (2) of the bottle, and a concave portion (7) enclosed by the edge portion (6) and integral therewith, wherein the concave portion (7) comprises reinforcing elements arranged in a star-shaped pattern and increasing the rigidity thereof, wherein the reinforcing elements are formed by outwardly domed regions (9) of the concave portion (7), and the concave portion (7), including the outwardly domed regions (9), is designed to have a substantially uniform wall thickness.

IPC 8 full level

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