

Title (en)  
PLASTIC BOTTLE

Title (de)  
KUNSTSTOFFFLASCHE

Title (fr)  
BOUEILLE EN PLASTIQUE

Publication  
**EP 3677522 A4 20210609 (EN)**

Application  
**EP 18850527 A 20180606**

Priority  
• JP 2017163311 A 20170828  
• JP 2018021754 W 20180606

Abstract (en)  
[origin: EP3677522A1] An increased pressure absorbing effect in the shoulder portion is to be enhanced. In a plastic bottle (1) having a spout portion (2), a shoulder portion (3) whose diameter progressively increases from the spout portion (2) toward a bottom face and a body portion (4) continuous with the shoulder portion (3), in the shoulder portion (3), there is provided at least one panel (31) which is receded toward the inner side. A bottom face (31a) of the panel (31) is formed as a curved face which is convex toward the inner side. A depth (D) from a plane (P) extending through upper and lower opposed ends (31c) of the panel (31) to a deepest portion of the bottom face (31a) of the panel (31) ranges from 1 mm to 7 mm.

IPC 8 full level  
**B65D 1/02** (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP)  
**B65D 1/0223** (2013.01); **B65D 79/0084** (2020.05)

Citation (search report)  
• No further relevant documents disclosed  
• See references of WO 2019044099A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 18850527 A 20180606**; AU 2018324628 A 20180606; CN 201880055644 A 20180606; JP 2017163311 A 20170828; JP 2018021754 W 20180606