

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)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3677522 A1 20200708**; **EP 3677522 A4 20210609**; AU 2018324628 A1 20200227; CN 111032521 A 20200417; JP 2019038595 A 20190314; JP 7388807 B2 20231129; WO 2019044099 A1 20190307

DOCDB simple family (application)  
**EP 18850527 A 20180606**; AU 2018324628 A 20180606; CN 201880055644 A 20180606; JP 2017163311 A 20170828; JP 2018021754 W 20180606