

Title (en)
PLASTIC BOTTLE

Title (de)
KUNSTSTOFFFLASCHE

Title (fr)
BOUEILLE EN PLASTIQUE

Publication
EP 3677522 A1 20200708 (EN)

Application
EP 18850527 A 20180606

Priority
• JP 2017163311 A 20170828
• JP 2018021754 W 20180606

Abstract (en)
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)

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

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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

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EP 18850527 A 20180606; AU 2018324628 A 20180606; CN 201880055644 A 20180606; JP 2017163311 A 20170828; JP 2018021754 W 20180606