

Title (en)
ASEPTIC FILLING BOTTLE

Title (de)
FLASCHE FÜR ASEPTISCHES ABFÜLLEN

Title (fr)
BOUTEILLE DE REMPLISSAGE ASEPTIQUE

Publication
EP 3594142 A4 20210127 (EN)

Application
EP 18763036 A 20180306

Priority
• JP 2017043159 A 20170307
• JP 2018008551 W 20180306

Abstract (en)
[origin: EP3594142A1] Provided is an aseptic filling bottle that can suppress buckling of its bottom portion even at the time of refrigerated storage. A bottom portion (6) of the aseptic filling bottle includes a grounding portion (10) to be placed in contact with a surface on which the bottle is put, a central portion that projects to an inner side of the bottle as it extends radially inwards from the grounding portion (10), a dome portion (13) which projects to more inner side of the bottle than the central portion, and a recessed groove portion (14) that extends radially from the dome portion (13). A bottom inner side projection height (D1) of the central portion at a dome portion side circumferential edge thereof is set greater than a half (D2) of a height from the grounding portion (10) to a border between the body portion and the bottom portion (6). The recessed groove portion (14), at a position corresponding to the radial center position of the grounding portion (10), has a depth (D3) ranging from 5.0 mm to 10.0 mm.

IPC 8 full level
B65D 1/02 (2006.01)

CPC (source: EP US)
B65D 1/0284 (2013.01 - EP US); **B65D 2501/0036** (2013.01 - EP US)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2018164111A1

Designated contracting state (EPC)
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