

Title (en)
Bottle-type plastic container having an integrated hand-grip

Title (de)
Flaschenförmiger Plastikbehälter mit integriertem Handgriff

Title (fr)
Récipient plastique en forme de bouteille à poignée incorporée

Publication
EP 1852357 A1 20071107 (EN)

Application
EP 06009293 A 20060505

Priority
EP 06009293 A 20060505

Abstract (en)
The bottle-shaped plastic container (1) comprises a hollow body with an integrated hand-grip (2). The said hand-grip (2) is constituted by a palm-recess (20) and two opposite finger-recesses (21); said palm-recess (20) has preferably a depth of at least 5mm; said two opposite finger-recesses are an extension of the bottom (202) of said palm-recess (20), and the bottom (202) of said palm-recess (20) comprising ribs (23) that extend in the finger-recesses (21).

IPC 8 full level
B65D 1/02 (2006.01); **B65D 23/10** (2006.01)

CPC (source: EP US)
B65D 1/0223 (2013.01 - EP US); **B65D 23/102** (2013.01 - EP US); **B65D 2501/0036** (2013.01 - EP US)

Citation (search report)
• [X] FR 1416663 A 19651105
• [YD] EP 1459990 A1 20040922 - YOSHINO KOGYOSHO CO LTD [JP]
• [YD] EP 1431190 A1 20040623 - YOSHINO KOGYOSHO CO LTD [JP]
• [YD] US 6739467 B2 20040525 - SAITO HIROMICHI [JP], et al
• [Y] JP 2005088973 A 20050407 - TOYO SEIKAN KAISHA LTD
• [Y] EP 0383110 A1 19900822 - VALSER ST PETERSQUELLE AG [CH]

Cited by
IT201700031163A1; WO2011068606A1; WO2018172885A1

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