

Title (en)
Stackable plastic bottle

Title (de)
Stapelbare Kunststoffflasche

Title (fr)
Bouteille empilable en matière plastique

Publication
EP 2522588 A1 20121114 (EN)

Application
EP 11165899 A 20110512

Priority
EP 11165899 A 20110512

Abstract (en)
The stackable plastic bottle (B) defines a major longitudinal axis (A) and comprises a base (1) terminated by a closed bottom end (10), a main body (2), a shoulder part (3) and a neck (4) terminated by an opened mouth (40). The outer face of the bottle comprises a longitudinal recess (6) extending longitudinally from the closed bottom end (10) into at least the main body (2) ; the shape in transverse cross section of said longitudinal recess (6) and the shape in transverse cross section of the opposite portion (5) of the bottle outer face diametrically opposite to the longitudinal recess (6) are complementary, in such a way that the bottle (B) can be stacked in a stable horizontal position onto another lower identical horizontal stackable plastic bottle (B') with the said opposite portion (5) of the lower bottle (B') fitted into the longitudinal recess (6) of the upper bottle (B), and the lower bottle (B') prevents the upper stacked bottle (B) from rotating around its longitudinal axis (A).

IPC 8 full level
B65D 1/02 (2006.01); **B65D 21/02** (2006.01)

CPC (source: EP)
B65D 1/0223 (2013.01); **B65D 21/0202** (2013.01); **B65D 2501/0081** (2013.01)

Citation (applicant)
• US 4308955 A 19820105 - SCHIESER WARREN J, et al
• US 5002199 A 19910326 - FRAHM CARL E [US]

Citation (search report)
• [X] EP 0322259 A1 19890628 - HENKEL KGAA [DE]
• [X] DE 29907258 U1 19990729 - PLM GLASHUETTE BAD MUENDER GMB [DE]

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WO2015080576A1; US12012253B1

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

Designated extension state (EPC)
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