

Title (en)
Reinforced plastic crate

Title (de)
Flaschenkasten mit Verstärkungen

Title (fr)
Casier à bouteilles renforcé

Publication
EP 1854728 A1 20071114 (EN)

Application
EP 06076025 A 20060509

Priority
EP 06076025 A 20060509

Abstract (en)
A plastic crate (1) comprises a bottom part (4) from which side walls (2, 3) and substantially hollow support columns (6, 11, 12) extend. At least some of the support columns (6) are provided with reinforcing undulations (8) extending substantially along the height of the columns. This allows relatively thin support columns to have a great structural strength. The support columns (6) may be located at or near a corner (7) of the crate and the undulations (8) may face the interior of the crate. The crate may further be provided with dividers (13) for creating bottle compartments.

IPC 8 full level
B65D 1/24 (2006.01)

CPC (source: EP)
B65D 1/243 (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24133** (2013.01); **B65D 2501/24216** (2013.01); **B65D 2501/24254** (2013.01); **B65D 2501/24261** (2013.01)

Citation (search report)

- [XY] US 6401960 B1 20020611 - HAMMETT ROY [US]
- [X] DE 102004023044 A1 20051124 - LINPAC MATERIALS HANDLING GERMANY GMBH [DE]
- [Y] US 5823376 A 19981020 - MCGRATH PATRICK JAMES [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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