

Title (en)

BOTTLE CRATE WITH SPLIT PINNACLES IN FOAMED PLASTIC

Title (de)

FLASCHENKASTEN MIT GETEILTEN SPITZEN IN SCHAUMSTOFF

Title (fr)

CASIER À BOUTEILLES AVEC SOMMETS FENDUS EN PLASTIQUE EXPANSÉ

Publication

EP 3135595 A1 20170301 (EN)

Application

EP 15183057 A 20150828

Priority

EP 15183057 A 20150828

Abstract (en)

Bottle crate comprising split pinnacles, extending upward from a bottom wall structure up to a predetermined height and defining storage spaces in the crate for storing bottles individually or in bottle packs. The split pinnacles each comprise at least two pinnacle parts which are provided for maintaining a predetermined clearance between the bottles of the predetermined type, to prevent that the bottles can contact each other, and which are spaced from each other by slots of a predetermined width for accommodating packaging material of the bottle packs. At least the bottom wall structure and the split pinnacles are part of an integrally produced unit made of foamed plastic and produced by injection moulding, the pinnacle parts having a wall thickness between 2.0 and 8.0 mm.

IPC 8 full level

B65D 1/24 (2006.01)

CPC (source: EP)

B65D 1/243 (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24082** (2013.01); **B65D 2501/24127** (2013.01); **B65D 2501/24152** (2013.01); **B65D 2501/24254** (2013.01); **B65D 2501/24324** (2013.01); **B65D 2501/2435** (2013.01); **B65D 2501/24522** (2013.01)

Citation (applicant)

- EP 2462031 A1 20120613 - SCHOELLER ARCA SYSTEMS GMBH [DE]
- EP 0714833 A1 19960605 - COCA COLA CO [US]

Citation (search report)

- [YD] EP 2462031 A1 20120613 - SCHOELLER ARCA SYSTEMS GMBH [DE]
- [YD] EP 0714833 A1 19960605 - COCA COLA CO [US]
- [A] US 4032007 A 19770628 - GRASER EARL J, et al

Cited by

WO2021094521A1; BE1027753A1; WO2021094524A1; BE1027756A1

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)

BA ME

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