

Title (en)

Plastic bottle crate.

Title (de)

Flaschenkasten aus Kunststoff.

Title (fr)

Casier à bouteilles en matière plastique.

Publication

EP 0485791 B1 19940525 (DE)

Application

EP 91118301 A 19911026

Priority

DE 4036141 A 19901113

Abstract (en)

[origin: EP0485791A1] A novel bottle crate is described which has at the sides (3) self-supporting carrying handles (9) which are formed by the gripping openings (8) leading in each case at one end up to the top edge of the crate. Both the self-supporting carrying handles (9) and the adjoining wall parts (6) are expediently formed from hollow profiles. Further hollow profiles (6, 11) form end-side carrying handles (10) and lead to the crate bottom (1, 2) so that, in total, a combination of hollow profiles allows high rigidity and strength with low weight. The self-supporting carrying handles (9) result in very good carrying convenience. Additionally, a further inside carrying handle (13) may be provided which connects the free ends of the self-supporting carrying handles (9) to one another. As a result, the strength is further increased and the crate can be carried without great inclination and thus with good clearance above the ground. <IMAGE>

IPC 1-7

B65D 1/38

IPC 8 full level

B65D 1/24 (2006.01); **B65D 1/38** (2006.01)

CPC (source: EP)

B65D 1/243 (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/24082** (2013.01); **B65D 2501/2414** (2013.01); **B65D 2501/24216** (2013.01); **B65D 2501/2435** (2013.01); **B65D 2501/24522** (2013.01); **B65D 2501/24528** (2013.01); **B65D 2501/24598** (2013.01); **B65D 2501/24681** (2013.01)

Cited by

EP3248899A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0485791 A1 19920520; **EP 0485791 B1 19940525**; AT E106054 T1 19940615; DE 4036141 A1 19920514; DE 59101720 D1 19940630; DK 0485791 T3 19940926

DOCDB simple family (application)

EP 91118301 A 19911026; AT 91118301 T 19911026; DE 4036141 A 19901113; DE 59101720 T 19911026; DK 91118301 T 19911026