

Title (en)
Bottle crate made of plastic.

Title (de)
Flaschenkasten aus Kunststoff.

Title (fr)
Casier à bouteilles en matière plastique.

Publication
EP 0318123 A1 19890531 (EN)

Application
EP 88202683 A 19881124

Priority
NL 8702836 A 19871126

Abstract (en)
A plastic bottle crate is provided with upright walls (6, 7) fitted inside the crate to form compartments for accommodating bottles. One or more side walls (2, 3, 4, 5) of the crate are provided with window apertures (10). The compartments situated next to the side walls provided with window apertures and opposite the window apertures are provided with flexible bottle fixing elements (11). Each fixing element (11) is connected to the upright walls (6, 7) and stands free from the bottom (1) of the crate. The fixing elements (11) are preferably shaped as a side wall part of a truncated cone or pyramid; so that in the vicinity of the bottom of the crate the fixing elements cooperate with the outside of the bottles placed in the compartments of the crate. Thus, the bottles in the crate are prevented from turning during transportation, while the risk of damage to the labels on the bottles is small.

IPC 1-7
B65D 1/38

IPC 8 full level
B65D 1/24 (2006.01)

CPC (source: EP)
B65D 1/243 (2013.01); **B65D 2501/24019** (2013.01); **B65D 2501/2407** (2013.01); **B65D 2501/24216** (2013.01); **B65D 2501/24305** (2013.01)

Citation (search report)

- [X] BE 621185 A
- [Y] GB 2069975 A 19810903 - GPG INT LTD
- [Y] GB 758517 A 19561003 - ERIC CLIFFORD TURNER
- [X] EP 0114392 A1 19840801 - DELBROUCK FRANZ GMBH [DE]
- [A] EP 0013855 A1 19800806 - DAVID PIERRE ALFRED

Cited by
EP0512289A1; DE3926900A1; EP0464894A1; EP0822144A1; EP0564029A1; BE1005725A3

Designated contracting state (EPC)
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