

Title (en)

Bottle crate with movable bottom plate

Title (de)

Flaschenkiste mit beweglicher Bodenplatte

Title (fr)

Caisse à bouteilles avec panneau de fond mobile

Publication

**EP 2597045 A1 20130529 (EN)**

Application

**EP 11009271 A 20111122**

Priority

EP 11009271 A 20111122

Abstract (en)

The invention concerns a bottle crate (1, 21) comprising a bottom wall (2, 22) and lateral walls (3, 4 ; 23, 24) and a method for producing such bottle crate. The bottle crate comprises a separate internal bottom plate (26) having traversing holes (6), movable and guided within the lateral walls 4 between a first position for packs of bottles wherein the bottom plate is in a low position close to or in contact with the bottom wall and a second position for separate bottles wherein the bottom plate (26) is in an upright high position to form with its holes (6) dividers for the bottles. The bottle crate also comprises spring means arranged to be compressed in the first position and to automatically bring back the bottom plate (26) in its upright second position in the absence of a sufficient predetermined weight on the bottom plate.

IPC 8 full level

**B65D 1/24** (2006.01); **B65D 85/30** (2006.01)

CPC (source: EP)

**B65D 1/243** (2013.01); **B65D 85/305** (2013.01); **B65D 2501/24286** (2013.01)

Citation (search report)

- [A] BE 1016429 A3 20061003 - D W PLASTICS NV [BE]
- [A] US 4093101 A 19780606 - BRAUN BERNARD

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CN105270763A; CN109178584A; CN112193620A; CN109160054A; EP3015381A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2597045 A1 20130529**; **EP 2597045 B1 20140813**; HR P20141090 T1 20141219; PL 2597045 T3 20150227

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