

Title (en)

CARRIER FOR BOTTLES, METHOD OF APPLYING SUCH CARRIERS AND APPARATUS FOR CARRYING OUT SUCH METHOD

Title (de)

FLASCHENTRÄGER, VERFAHREN UND VORRICHTUNG ZUM ANBRINGEN DIESES TRÄGERS

Title (fr)

PORTE-BOUEILLES, SON PROCEDE D'UTILISATION, ET APPAREIL PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9912826A1] The present invention relates to a carrier (1), which comprises a plane blank (2) designed for several bottles (2) having a neck flange (4). The carrier has a central field (6) with openings (11) and a lateral field (7), connected to each longitudinal side of the central field via a folding indication (8). Into the openings (11) guide flaps (14) project, the lateral fields (7) and the guide flaps forming stiff units, which are designed to, when the carrier is in its use position, project downwards from the central field. The lateral fields (7) can be folded upwards to abut against the lower surfaces of the flanges (4) in order to carry the bottles. According to the invention the carrier is designed to, after a pre-forming to the use-position, be applied from above on a row of bottles (2) having a conical neck portion (3), the central field (6) has openings (11) for only one bottle row, said guide flaps (14) on the plane carrier blank project into each opening (11) and from each lateral field (7) at mutually opposite sides, which guide flaps are pressed outwards and by the from below penetrated bottle top respectively and are the lateral fields in this way retained in a self-locking carrying position, and from the ends of the punching lines (12) of the openings and between them, transversally through the lateral fields (7) folding indications (17) extend to the longitudinal side (10) of the lateral fields. Also, the invention relates to a method to apply such carriers on bottles as well as a device designed to carry out this method.

IPC 8 full level

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CPC (source: EP)

**B65D 71/42** (2013.01); **B65D 2301/10** (2013.01)

Citation (examination)

- WO 9718993 A1 19970529 - DALWELL AB [SE], et al
- GB 2301079 A 19961127 - WADDINGTONS CARTONS LTD [GB]

Cited by

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