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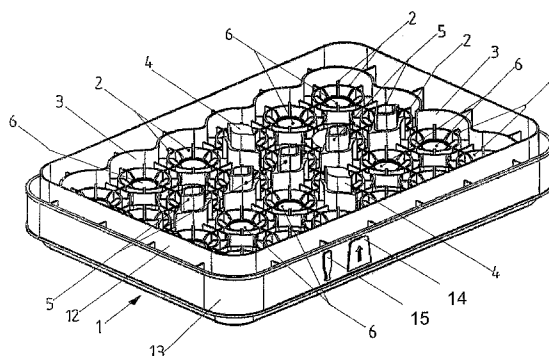
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ARRANGEMENT FOR TRANSPORTING BOTTLES, DRINKS CONTAINERS AND/OR MULTIPACKS



(57) Abstract: In order for an arrangement for transporting bottles and/or a plurality of handling units combined to form multipacks comprising a plurality of bottles, the bottles or multipacks being held tightly together by means of a retaining element to form a single handling unit of square or rectangular basic shape, the arrangement comprising a tray (1) of essentially rectangular basic shape, and the tray (1) having a top side and an underside, to be provided which is suitable, and intended, for accommodating multipacks, positions such multipacks and allows trays and such handling units to be stacked one upon the other and also allows the insertion of individual bottles, preferably with equal spacings between the bottles in each case, it is proposed that the top side of the tray (1) - has first supporting contours (2, 3, 4, 5) which are adapted to the foot region of the multipacks and serve for accommodating the foot region of a plurality of multipacks arranged one beside the other, - has second supporting contours (6) which are adapted to the head region of individual bottles and serve for accommodating the head region of a plurality of individual bottles inserted one beside the other, the underside of the tray (1) - has third supporting contours (7) which are adapted to the film-covered head region of the multipacks and serve for supporting purposes on the head region of the multipacks, - has fourth supporting contours (9, 10, 11) which are adapted to the foot region of individual bottles and serve for accommodating the foot region of a plurality of individual bottles inserted one beside the other.



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INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B65D71/00 B65D19/44 B65D19/42 B62B3/00 B65D71/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	NL 1 007 612 C2 (HEINEKEN TECHNICAL SERVICES B.V) 26 May 1999 (1999-05-26) figures 7,8	1
A	US 4 932 532 A (APPS ET AL) 12 June 1990 (1990-06-12) figures 1,2	1
A	US 4 410 099 A (DELAROSIERE ET AL) 18 October 1983 (1983-10-18) figures 1,2	1
A	WO 00/58173 A (OYJ HARTWALL ABP; AIKIO, VEIJO) 5 October 2000 (2000-10-05) figures 2,3	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-20

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-20

Group I relates to an arrangement for transporting drink containers.

2. claims: 21-46

Group II relates to an apparatus for transporting trays.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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