

Title (en)

DEVICE FOR TRANSPORTING BOTTLES THAT ARE COMBINED TO FORM A PACK

Title (de)

VORRICHTUNG ZUM TRANSPORT VON ZU EINEM GEBINDE ZUSAMMENGEFASTEN FLASCHEN

Title (fr)

DISPOSITIF POUR LE TRANSPORT DE BOUTEILLES RASSEMBLEES DE MANIERE A FORMER UN PACK

Publication

EP 1276676 A1 20030122 (DE)

Application

EP 01921213 A 20010316

Priority

- DE 0101045 W 20010316
- DE 20005528 U 20000329
- DE 20010646 U 20000621
- DE 20019323 U 20001114

Abstract (en)

[origin: WO0172600A1] The invention relates to a plastic device for transporting a number bottles (1) in which a number of bottles (1) are arranged and held in parallel rows. The aim of the invention is to provide a device of this type that is suitable for transporting filled bottles, for combining the bottles to form a pack and for transporting the bottles to a disposal location after they have been emptied. To this end, the device consists of a dimensionally stable base component (5) and of a film- or foil-like, optionally profiled, upper component (6). Bottles (1) can be placed with the bottom area thereof in said base component. The upper component is held on the base component (5). Said device is configured in a grid-shaped manner and is provided with recesses (7, 27, 24) for putting through or inserting the bottleneck of at least the bottles (1) which are situated on the base component (5) close to the edge. The upper component (6) encloses the bottles (1) situated on the base component (5) in the manner of an approximately U-shaped cover and is held on the base component (5) by the limb extremities of the U-shape.

IPC 1-7

B65D 71/50

IPC 8 full level

B65D 71/00 (2006.01); **B65D 71/06** (2006.01); **B65D 71/38** (2006.01); **B65D 71/70** (2006.01); **B65D 85/30** (2006.01)

CPC (source: EP)

B65D 71/06 (2013.01); **B65D 71/38** (2013.01); **B65D 71/70** (2013.01); **B65D 85/305** (2013.01); **B65D 2571/00228** (2013.01);
B65D 2571/0029 (2013.01); **B65D 2571/00296** (2013.01); **B65D 2571/00672** (2013.01); **B65D 2571/00697** (2013.01); **B65D 2571/00703** (2013.01);
B65D 2571/00722 (2013.01)

Citation (search report)

See references of WO 0172600A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0172600 A1 20011004; AU 4826901 A 20011008; EP 1276676 A1 20030122

DOCDB simple family (application)

DE 0101045 W 20010316; AU 4826901 A 20010316; EP 01921213 A 20010316