

Title (en)  
Palletizing bottles

Title (de)  
Palletieren von Flaschen

Title (fr)  
Palettisation de bouteilles

Publication  
**EP 0604315 B1 19970514 (FR)**

Application  
**EP 93403143 A 19931222**

Priority  
FR 9215536 A 19921223

Abstract (en)  
[origin: EP0604315A1] The subject of the invention is the palletising of bottles, in particular the palletising on centres of large-capacity champagne bottles, in successive staggered layers. These layers are carried by ribbed thermoformed trays (1), simply furnished inside their rim (5) with funnels (2) projecting via their narrow end onto the table forming the plane for supporting the bases of one of the layers (B1), themselves constituting, on the corresponding face, moles (mounds) (4a, 4b) centring these bases inside their grid, and capable of receiving the shoulder of the bottles (B2) of the next layer. The invention is of particular interest for directly storing the bottles after hydraulic testing. <IMAGE>

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**B65D 71/00**

IPC 8 full level  
**B65D 71/70** (2006.01)

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Citation (examination)  
WO 9407758 A1 19940414 - DYNOPLAST AS [NO], et al

Cited by  
CN104401582A; GB2335414A; US7121408B2; WO2011083207A1; WO03020592A1

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