

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>

IPC 1-7
B65D 71/00

IPC 8 full level
B65D 71/70 (2006.01)

CPC (source: EP)
B65D 71/70 (2013.01)

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

Cited by
CN104401582A; GB2335414A; US7121408B2; WO2011083207A1; WO03020592A1

Designated contracting state (EPC)
ES FR IT

DOCDB simple family (publication)
EP 0604315 A1 19940629; EP 0604315 B1 19970514; ES 2102629 T3 19970801; FR 2699508 A1 19940624; FR 2699508 B1 19950224

DOCDB simple family (application)
EP 93403143 A 19931222; ES 93403143 T 19931222; FR 9215536 A 19921223