

Title (en)  
SPACER TRAY FOR PACKAGING CONTAINERS

Publication  
**EP 0260055 A3 19890118 (EN)**

Application  
**EP 87307735 A 19870902**

Priority  

- US 1631087 A 19870219
- US 4843787 A 19870511
- US 90472586 A 19860908
- US 92575586 A 19861030

Abstract (en)  
[origin: EP0260055A2] A spacer tray 2 for containers 32 is formed of a moldable sheet material and is shaped to provide a plurality of container-bottom receptacles 4. Each container-bottom receptacle 4 is shaped to receive at least a part of a bottom portion of a container 32. A container spacer wall 30 is located between each pair of adjacent container-bottom receptacles 4 to maintain bottom portions of containers seated in the receptacles spaced apart from one another. The spacer tray 2 can include nesting-binding interference structures 40, 42 to prevent two spacer trays placed one atop the other from binding when one tray is rotated 180 degrees relative to but otherwise aligned with the other tray. The spacer tray can include a plurality of container-loading-guide-pin openings 36 passing through it which permit container-loading guide pins 78 - from a high-speed spacer-tray loading machine, for example - to pass through for locating the spacer tray 2 and guiding bottom portions of containers 32 into container-bottom receptacles 4 during loading of the spacer tray. The spacer tray 202 can include a plurality of container-loading-guide-pin caps 236 which permit end portions of container-loading guide pins 78 to project into and fit within the interiors of the caps for locating the spacer tray 202 and for reinforcing the caps for guiding bottom portions of containers 32 into container-bottom receptacles 204 during loading of the spacer tray.

IPC 1-7  
**B65D 71/00**

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

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

Citation (search report)  

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- [YD] US 3650395 A 19720321 - HOBBS REGINALD JOHN
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- [Y] FR 1563835 A 19690418
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