

Title (en)
Apparatus for securing on-deck containers.

Title (de)
Vorrichtung zur Befestigung von Containern an Deck.

Title (fr)
Dispositif pour la fixation des containers sur le pont.

Publication
EP 0121681 A1 19841017 (EN)

Application
EP 84101351 A 19840210

Priority
US 47537383 A 19830314

Abstract (en)
Apparatus is provided for securing containers on the deck of a containership. Tower assemblies are provided on either side of a container bay. A lowermost tier of containers is engaged by castings and dowels mounted on deck or hatch covers. Cantilevered platforms mounted between vertical tower members pivot outwards to lie atop the containers. Dowels carried on the cantilevered platforms are positioned to engage the bottom locating apertures of the second tier of containers. Similar apparatus is provided for subsequent tiers. The uppermost tier rests upon a cantilevered platform, and also is retained in vertical position by a locking dowel engaging the horizontal locating aperture of the container.

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CPC (source: EP KR)
B63B 25/28 (2013.01 - EP KR); **B65D 90/0013** (2013.01 - EP)

Citation (search report)
• [X] DE 1939133 A1 19710204 - LEHNER FERNSPRECH SIGNAL
• [Y] US 3820664 A 19740628 - LEWIS E, et al
• [AD] DE 2023496 A1 19701217
• [A] DE 2024333 A1 19701126
• [Y] THE MOTOR SHIP, vol. 63, no. 749, December 1982, pages 40-41, London, GB; "Deck cell guide experiments on ACL roro container ship"

Cited by
NL2000975C2; EP0182728A1; FR2573720A1; WO2008071880A3; WO2013164039A1; WO2024025566A1

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JP H0229559 B2 19900629; JP S59176185 A 19841005; KR 840008135 A 19841213; KR 890004945 B1 19891202; NO 159915 B 19881114;
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