

Title (en)
STOWAGE PIECES FOR SECURING THE POSITION OF CONTAINERS PLACED ON BOARD SHIPS

Title (de)
STAUSTÜCKE ZUR LAGESICHERUNG VON CONTAINERN AN BORD VON SCHIFFEN

Title (fr)
PIECES D'ARRIMAGE POUR MAINTENIR DES CONTENEURS EN POSITION A BORD DE BATEAUX

Publication
EP 1115635 A1 20010718 (DE)

Application
EP 00951356 A 20000707

Priority
• DE 19933424 A 19990712
• EP 0006434 W 20000707

Abstract (en)
[origin: DE19933424A1] The invention relates to stowage pieces (10) which serve to prevent the horizontal displacement of containers placed on board ships. The inventive stowage pieces (10) dispose of an abutment (15) that comprises stowage cones (16, 17) which are situated on opposite sides and which engage inside upper and lower corner fittings (12, 13) of stacked containers. These stowage pieces (10) must be placed on upper corner fittings (13) of the container already stowed on board the ship before a next container is stowed. This requires the use of auxiliary staff on the containers stowed on board the ship which no longer adheres to new safety regulations. The inventive stowage piece (10) comprises, on the upper stowage cone (16) thereof, a rotatable transversal detent (21) via which the stowage piece (10) can be locked, while on the pier, under lower corner fittings (12) of a container before this container is placed on board the ship. As a result, the use of auxiliary staff on the containers located on board the ship is made redundant.

IPC 1-7
B65D 90/00

IPC 8 full level
B65D 90/00 (2006.01)

CPC (source: EP US)
B65D 90/0006 (2013.01 - EP US); **B65D 90/0013** (2013.01 - EP US); **Y10T 24/28** (2015.01 - EP US)

Citation (search report)
See references of WO 0104024A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 29913620 U1 20000113; CN 1318030 A 20011017; DE 19933424 A1 20010118; EP 1115635 A1 20010718; PL 346499 A1 20020211; TW 537990 B 20030621; US 6560828 B1 20030513; WO 0104024 A1 20010118

DOCDB simple family (application)
DE 29913620 U 19990804; CN 00801382 A 20000707; DE 19933424 A 19990712; EP 0006434 W 20000707; EP 00951356 A 20000707; PL 34649900 A 20000707; TW 89113817 A 20000712; US 76357901 A 20010221