

Title (en)

STOWAGE PIECES FOR SECURING THE POSITION OF CONTAINERS PLACED ON BOARD SHIPS AND METHOD FOR STOWING CONTAINERS

Title (de)

STAUSTÜCKE ZUR LAGESICHERUNG VON CONTAINERN AN BORD VON SCHIFFEN UND VERFAHREN ZUM STAUEEN VON CONTAINERN

Title (fr)

PIECES D'ARRIMAGE POUR MAINTENIR DES CONTENEURS EN PLACE A BORD DE BATEAUX ET PROCEDE POUR ARRIMER DES CONTENEURS

Publication

EP 1194353 B1 20040225 (DE)

Application

EP 00947942 A 20000706

Priority

- DE 19933425 A 19990712
- DE 19937471 A 19990807
- EP 0006395 W 20000706

Abstract (en)

[origin: WO0104023A1] The invention relates to stowage pieces (26, 28) which serve to prevent the horizontal displacements of containers placed on board ships. When stowing 20-foot containers (20) in a stack or in a cell for 40-foot containers, two 20-foot containers (20) are successively coupled, in a longitudinal direction, to one another at their corner fittings (21, 22) that are oriented toward one another in order to form a 40-foot container unit. To this end, particular double stowage pieces (26) are used. These stowage pieces (26, 28) must be placed on upper corner fittings (21) of the container already stowed on board the ship before the next containers are stowed. This requires the use of auxiliary staff on the containers already stowed on board the ship which no longer adheres to present safety regulations. The invention provides that the stowage pieces (26, 28) are already locked, while on land, under lower corner fittings (22) of the 20-foot containers (20), and the containers, especially two interconnected 20-foot containers (20), are subsequently placed on the containers already located on board the ship, whereby the lower stowage cones (31, 35) of the stowage pieces (26, 28) are loosely inserted into the upper corner fittings (21) of containers located underneath without the stowage cones (31, 35) of the stowage pieces (26, 28) locking, in a vertical direction, with the corner fittings (21) of the containers located underneath. As a result, it is no longer necessary to use auxiliary staff on board the ships when stowing the containers, whereby adhering to safety regulations.

IPC 1-7

B65D 90/00

IPC 8 full level

B65D 90/00 (2006.01)

CPC (source: EP)

B65D 90/0006 (2013.01); **B65D 90/0013** (2013.01)

Cited by

CN103334510A; WO2019081810A1

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)

WO 0104023 A1 20010118; AT E260212 T1 20040315; CN 1368933 A 20020911; DE 29914837 U1 20000309; EP 1194353 A1 20020410; EP 1194353 B1 20040225; PL 353303 A1 20031103; TW 498041 B 20020811

DOCDB simple family (application)

EP 0006395 W 20000706; AT 00947942 T 20000706; CN 00811507 A 20000706; DE 29914837 U 19990825; EP 00947942 A 20000706; PL 35330300 A 20000706; TW 89113816 A 20000712