

Title (en)

COUPLING PIECE FOR JOINING TWO CONTAINERS THAT ARE STACKED ONE ATOP THE OTHER, ARRANGEMENT OF STACKED CONTAINERS, AND METHOD FOR JOINING STACKED CONTAINERS USING COUPLING PIECES OF THIS TYPE

Title (de)

KUPPELSTÜCK ZUM VERBINDEN ZWEIER ÜBEREINANDER GESTAPELTER CONTAINER, ANORDNUNG ÜBEREINANDER GESTAPELTER CONTAINER UND VERFAHREN ZUM VERBINDEN ÜBEREINANDER GESTAPELTER CONTAINER MIT SOLCHEN KUPPELSTÜCKEN

Title (fr)

RACCORD POUR RELIER DEUX CONTENEURS EMPILES, ENSEMBLE DE CONTENEURS EMPILES ET PROCEDE POUR RELIER DES CONTENEURS EMPILES AU MOYEN DE RACCORDS DE CE TYPE

Publication

EP 1534612 B1 20081112 (DE)

Application

EP 03727334 A 20030422

Priority

- DE 10238895 A 20020824
- EP 0304162 W 20030422

Abstract (en)

[origin: WO2004020316A1] The invention relates to, above all, a coupling piece for joining two containers (35, 36) that are stacked one atop the other, particularly onboard ships, at their corner fittings (43, 44). Said coupling piece comprises a stop plate (21) and a coupling projection (22, 23) on each side of the stop plate (21), of which the first coupling projection (22) can be placed on the corner fitting of one container (36) and the other coupling projection (23) is provided with a locking catch (28, 46, 54) for locking inside a corner fitting of the other container (35). Prior art coupling pieces have a drawback in that front-side openings in upper corner fittings (43, 44) of a container (36) are obstructed by a locking catch of the coupling piece thereby hindering the use of lashing means. In order to prevent this drawback, the inventive coupling piece is characterized in that the locking catch (28, 46, 54), when viewed in the longitudinal direction of the containers (35, 36), is laterally situated on the other coupling projection (23).

IPC 8 full level

B65D 90/00 (2006.01)

CPC (source: EP KR US)

B61D 5/08 (2013.01 - KR); **B65D 88/12** (2013.01 - KR); **B65D 90/0013** (2013.01 - EP US)

Cited by

DE102018133358A1; DE102019100844A1; EP3670386A1; EP3680194A1; DE102020113681A1; WO2021234091A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004020316 A1 20040311; AT E414025 T1 20081115; AU 2003233039 A1 20040319; CN 1315700 C 20070516; CN 1675111 A 20050928; DE 10238895 A1 20040318; DE 10238895 B4 20041223; DE 10238895 C5 20090430; DE 50310786 D1 20081224; DK 1534612 T3 20090302; EP 1534612 A1 20050601; EP 1534612 B1 20081112; ES 2316750 T3 20090416; JP 2005536413 A 20051202; JP 2008184225 A 20080814; JP 4543382 B2 20100915; JP 4753142 B2 20110824; KR 100703251 B1 20070403; KR 20050058512 A 20050616; US 2005260054 A1 20051124; US 7621414 B2 20091124

DOCDB simple family (application)

EP 0304162 W 20030422; AT 03727334 T 20030422; AU 2003233039 A 20030422; CN 03819765 A 20030422; DE 10238895 A 20020824; DE 50310786 T 20030422; DK 03727334 T 20030422; EP 03727334 A 20030422; ES 03727334 T 20030422; JP 2004531766 A 20030422; JP 2007313852 A 20071204; KR 20057003160 A 20050224; US 52350005 A 20050202