

Title (en)
COUPLING PART FOR CONNECTING TWO CONTAINERS STACKED ON TOP OF ONE ANOTHER

Title (de)
KUPPELSTÜCK ZUM VERBINDEN ZWEIER ÜBEREINANDER GESTAPELTER CONTAINER

Title (fr)
ELEMENT D'ACCOUPLEMENT POUR ASSEMBLER DEUX CONTENEURS SUPERPOSES

Publication
EP 1784348 A1 20070516 (DE)

Application
EP 05779841 A 20050825

Priority
• EP 2005054191 W 20050825
• DE 202004013463 U 20040826

Abstract (en)
[origin: WO2006021579A1] The invention relates to a coupling part (10) for connecting two containers stacked on top of one another, in particular on board ships, at their corner fittings (13). Said part comprises two coupling projections (11, 12) facing in opposite directions, one of said projections (11) engaging in the corner fitting (13) of one container and the other projection (12) engaging in the corner fitting of the other container. The aim of the invention is to ensure that coupling parts (10) of this type can be mounted in the corresponding corner fitting in such a way that locking lugs (18) of the coupling part (10) always face in the same direction on an end face of the container, i.e. that no coupling part (10) is inadvertently inserted the wrong way round. To achieve this, the inventive coupling part (10) is characterised in that one of the coupling projections (11) is asymmetrical, which means that the coupling part (10) can only be inserted into and mounted on the corner fitting (13) in a specific direction.

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)

Citation (search report)
See references of WO 2006021579A1

Cited by
DE102018133358A1; DE102019100844A1; EP3670386A1; EP3680194A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 202004013463 U1 20041014; CN 101027233 A 20070829; CN 101027233 B 20120905; EP 1784348 A1 20070516; EP 1784348 B1 20080326; ES 2304715 T3 20081016; HK 1105292 A1 20080206; JP 2008510664 A 20080410; JP 2011230852 A 20111117; JP 5181331 B2 20130410; KR 100878635 B1 20090115; KR 20070055552 A 20070530; US 2009095763 A1 20090416; US 7771147 B2 20100810; WO 2006021579 A1 20060302

DOCDB simple family (application)
DE 202004013463 U 20040826; CN 200580031963 A 20050825; EP 05779841 A 20050825; EP 2005054191 W 20050825; ES 05779841 T 20050825; HK 07113649 A 20071214; JP 2007528859 A 20050825; JP 2011166114 A 20110729; KR 20077006505 A 20070321; US 57403705 A 20050825