Title (en)
COUPLING PIECE FOR DETACHABLY INTERCONNECTING CONTAINERS

Title (de)
KUPPELSTÜCK ZUR LÖSBAREN VERBINDUNG VON CONTAINERN

Title (fr)
RACCORD D'ACCOUPLEMENT DETACHABLE DE CONTENEURS

Publication
EP 0776302 B1 19991103 (DE)

Application
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• DE 19504635 A 19950213
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Abstract (en)
[origin: DE19504635A1] A coupling piece is disclosed for detachably interconnecting corner fittings of stacked containers on board of ships. Container coupling operations are partly automated in many respects in order to reduce manual operations. The perfect operation of such coupling pieces essentially depends on the respect of various particularities of operation, otherwise a faulty operation results. In order to avoid such faulty operations, the disclosed coupling piece is easy to operate without errors. An actuating device (22) for twisting a locking bolt (21) provided with crossmembers (32, 33) for interconnecting the containers has a cable (49) with two traction ropes (57, 57) centrally joined to the locking bolt (21). The two traction ropes (57, 58) allow the locking bolt (21) to be twisted both clockwise and anticlockwise. This allows incorrect operations to be reversed, and also the coupling piece may be arranged between the containers to be interconnected with its crossmember (32) positioned up or down. Finally, the containers may be uncoupled at will, so that the coupling piece remains on the lower container or is lifted from the lower container together with the upper container.

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DE 19504635 A1 19960222; CN 1057270 C 20001011; CN 1155871 A 19970730; CZ 290634 B6 20020911; CZ 44997 A3 19971217; DE 59507191 D1 19991209; DK 0776302 T3 20000410; EE 9700069 A 19971015; EP 0776302 A1 19970604; EP 0776302 B1 19991103; ES 2139232 T3 20000201; JP 3073771 B2 20000807; JP H10507984 A 19980804; KR 100254170 B1 20000415; KR 970705503 A 19971009; PL 178903 B1 20000630; PL 318653 A1 19970707; RU 2128611 C1 19990410; TW 303331 B 19970421; UA 28073 C2 20001016; US 5758391 A 19980602; WO 9606026 A1 19960229

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