

Title (en)

COUPLING DEVICE FOR COUPLING CONTAINERS, PARTICULARLY CONTAINERS USED IN CARGO SHIPS

Title (de)

KOPPLUNGSVORRICHTUNG ZUR KOPPLUNG VON CONTAINERN, IM BESONDEREN VON CONTAINERN FÜR FRACHTSCHIFFE

Title (fr)

DISPOSITIF D'ACCOUPLEMENT POUR L'ACCOUPLEMENT DE CONTENEURS, EN PARTICULIER DE CONTENEURS UTILISÉS DANS DES NAVIRES DE CHARGE

Publication

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Application

EP 11752914 A 20110309

Priority

- FI 20105234 A 20100310
- FI 2011050202 W 20110309

Abstract (en)

[origin: WO2011110743A1] A coupling device (1) for coupling containers (40, 41), particularly for coupling containers used in cargo ships and land transport, which coupling device includes a fastening piece (2) formed in the upper part of its body part (48), by which the body part is fastenable in a corner piece (26) in a corner of the container (40) by rotating the body part around its vertical shaft, whereby the fastening piece fastens in the corner piece (26) of the container, and which body part includes a planar coupling plate (3) formed between its upper part and lower part, and the body part includes a cam part (6) below the coupling plate, and which body part is fitted with a first rotatable lever-like locking part (5) for preventing and/or releasing the motion of the body part, and which body part includes a second rotatable lever-like locking part (8) for enabling and/or preventing the motion of the body part, and the second lever-like locking part (8) is either directly or indirectly in contact with the first lever-like locking part (5) such that, as the first lever-like rotates, the second lever-like locking part is also able to rotate for enabling the locking mode and the unlocking mode, and in which in the second lever-like locking part is formed a protrusion (34) for receiving vertical forces between the containers.

IPC 8 full level

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CPC (source: EP FI)

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Citation (search report)

- [XP] WO 2010031897 A1 20100325 - CARGOTEC FINLAND OY [FI], et al
- [A] WO 2007142531 A2 20071213 - LOGI D B V [NL], et al
- See references of WO 2011110743A1

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DOCDB simple family (application)

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