Title (en)
COUPLING PART FOR STOWING CONTAINERS ON BOARD SHIPS

Title (de)
KUPPELSTÜCK ZUM STAUEN VON CONTAINERN AN BORD VON SCHIFFEN

Title (fr)
PIECE DE COUPLAGE POUR EMPILER DES CONTENEURS A BORD DE BATEAUX

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Application
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Abstract (en)
[origin: WO2005097627A1] Coupling parts known as twistlocks (10) are used to secure stacked containers on board ships. Said twistlocks (10) comprise a central support (18), which lies between the corner fittings of stacked containers. As a result of deformations of the hull of the ship, caused by the sea, a longitudinal displacement occurs between the containers, in particular the bottommost container and a support on board the ship. This causes the central support (18) to wear. If said central support (18) is reduced to a minimum thickness as a result of advanced wear, there is a risk of breakage of the twistlock (10). According to the invention, the central support (18) of the twistlock (10) comprises at least one detection element. The detection element can be configured as a blind hole (36) in the central support (18), said hole being filled with a coloured filler material (38) and provided with a cover (39). The depth of the blind hole (36) is calculated in such a way that when said hole has been worn away or the coloured filler material (38) is visible, the minimum thickness of the central support (18) has been reached. It is thus possible to reliably confirm by visual means that the central support (18) is so worn that the twistlock (10) must be replaced by a new one.

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