

Title (en)

COUPLER COMPRISING A BLOCKING MECHANISM FOR PREVENTING COUPLING OF THE MECHANICAL COUPLER, AND METHOD TO OPERATE A COUPLER

Title (de)

KOPPLER MIT EINEM SPERRMECHANISMUS ZUR VERHINDERUNG DER KOPPLUNG DES MECHANISCHEN KOPPLERS UND VERFAHREN ZUM BETRIEB EINES KOPPLERS

Title (fr)

COUPLEUR COMPRENANT UN MÉCANISME DE BLOCAGE POUR EMPÊCHER LE COUPLAGE DU COUPLEUR MÉCANIQUE, ET PROCÉDÉ DE FONCTIONNEMENT D'UN COUPLEUR

Publication

EP 4351949 A1 20240417 (EN)

Application

EP 22734384 A 20220609

Priority

- SE 2150757 A 20210611
- SE 2022050560 W 20220609

Abstract (en)

[origin: WO2022260581A1] The present invention relates to a coupler comprising a coupler head (11) that houses a mechanical coupler (18) comprising a hook plate (14) with a recess (16) and a shaft (15) mounted on a first end of the hook plate, a blocking mechanism (20) for preventing coupling of the mechanical coupler. The invention also relates to a method to operate a coupler to engage the blocking mechanism.

IPC 8 full level

B61G 3/16 (2006.01)

CPC (source: EP SE US)

B61G 3/16 (2013.01 - EP); **B61G 3/18** (2013.01 - SE US); **B61G 3/20** (2013.01 - SE US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022260581 A1 20221215; CN 117460657 A 20240126; EP 4351949 A1 20240417; SE 2150757 A1 20221212; US 2024253674 A1 20240801

DOCDB simple family (application)

SE 2022050560 W 20220609; CN 202280041450 A 20220609; EP 22734384 A 20220609; SE 2150757 A 20210611; US 202218565677 A 20220609