

Title (en)

A RELEASE SYSTEM FOR A SUPPLY BOAT OR TUGBOAT

Title (de)

FREIGABESYSTEM FÜR EIN VERSORGUNGSBOOT ODER EINEN SCHLEPPER

Title (fr)

SYSTÈME DE LIBÉRATION POUR BATEAU D'APPROVISIONNEMENT OU REMORQUEUR

Publication

**EP 4168303 A1 20230426 (EN)**

Application

**EP 21808597 A 20210520**

Priority

- NO 20200598 A 20200520
- NO 2021050125 W 20210520

Abstract (en)

[origin: WO2021235943A1] Release system on a supply boat or tugboat comprising a towing hook (10) rotatably mounted and which is provided with a fastening hook (12) for receiving a towing rope (34), the fastening hook (12) is equipped with an open, through-running groove (14) for receiving a towing wire (36) which runs to a winch (40). The towing hook (10) comprises one or more sensors which register the vertical and/or horizontal angular direction of the towing hook relative to the boat, said sensors are connected to a control unit (50) which, based on registered angular directions to the towing hook (10), is arranged to activate a release mechanism (28) on the towing hook (10) for releasing the towing rope (34) from the fastening hook (12) or to activate a release mechanism on the winch (40) which releases the towing wire (36).

IPC 8 full level

**B63B 21/58** (2006.01); **B63B 21/60** (2006.01)

CPC (source: EP NO)

**B63B 21/58** (2013.01 - NO); **B63B 21/60** (2013.01 - EP NO); **B63B 35/66** (2013.01 - NO)

Citation (search report)

See references of WO 2021235943A1

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 2021235943 A1 20211125**; EP 4168303 A1 20230426; NO 20200598 A1 20211122; NO 346340 B1 20220613

DOCDB simple family (application)

**NO 2021050125 W 20210520**; EP 21808597 A 20210520; NO 20200598 A 20200520