

Title (en)

UNDERWATER CONNECTOR AND METHOD FOR CONNECTING A CHAIN UNDER WATER

Title (de)

UNTERWASSERSTECKVERBINDER UND VERFAHREN ZUR VERBINDUNG EINER KETTE UNTER WASSER

Title (fr)

CONNECTEUR SOUS-MARIN ET PROCÉDÉ DE CONNEXION D'UNE CHAÎNE SOUS L'EAU

Publication

**EP 4169827 B1 20230927 (EN)**

Application

**EP 21735741 A 20210607**

Priority

- EP 20382548 A 20200623
- ES 2021070416 W 20210607

Abstract (en)

[origin: US2023127233A1] An underwater connector for connecting a chain under water. The connector includes a connector body having a first end with an anchoring point and a second end for the anchoring of the chain. The second end includes an inlet opening that is communicated with a housing in the connector body, the housing configured to house an end link of the chain. The connector also includes a locking plate that is moveable from a first position outside the housing of the connector body and a second position inside the housing of the connector body. When the locking plate is in the first position an end link of the chain is allowed to pass through the inlet opening and into the housing of the connector body. When the locking plate is in the second position the locking plate contacts the end link to lock the end link inside the housing.

IPC 8 full level

**B63B 21/20** (2006.01); **B63B 21/04** (2006.01); **B63B 21/50** (2006.01)

CPC (source: EP US)

**B63B 21/04** (2013.01 - EP US); **B63B 21/20** (2013.01 - EP US); **B63B 21/50** (2013.01 - EP US)

Citation (examination)

US 2014224163 A1 20140814 - ZIJLMANS JURGEN ARJAN [NL], et al

Designated contracting state (EPC)

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DOCDB simple family (application)

**US 202218087179 A 20221222**; AU 2021295737 A 20210607; BR 112022026349 A 20210607; CN 202180044210 A 20210607; EP 21735741 A 20210607; ES 2021070416 W 20210607; ES 21735741 T 20210607