

Title (en)
AUTOMATIC MOORING APPARATUS FOR WATERCRAFT

Title (de)
AUTOMATISCHE FESTMACHVORRICHTUNG FÜR WASSERFAHRZEUG

Title (fr)
APPAREIL D'AMARRAGE AUTOMATIQUE POUR BATEAU

Publication
EP 3853116 A1 20210728 (EN)

Application
EP 19787397 A 20190822

Priority
• US 201862734319 P 20180921
• HU 2019000026 W 20190822

Abstract (en)
[origin: WO2020058734A1] A mooring apparatus (10) for automatic mooring and parking a 10-70 feet long watercraft that is built from two dock-finger units (20) fixed to the dock (2). The dock-finger units (20) are equipped with flexible tentacle elements (80) for positioning the watercraft (4) by keeping continuous contact with the hull (6). and they are also equipped with automatic-operated locking mechanisms (40) for catching and locking the watercraft (4). The mooring apparatus (10) has a control panel (90) with a built-in programmable processor (98) and a communication unit (98) that can be accessed from anywhere by communication means, and connected to the harbour IT system.

IPC 8 full level
B63B 21/00 (2006.01); **B63B 22/02** (2006.01); **B63B 35/34** (2006.01); **E02B 3/06** (2006.01); **E02B 3/20** (2006.01); **E02B 3/24** (2006.01); **E02B 3/26** (2006.01)

CPC (source: EP US)
B63B 21/00 (2013.01 - EP); **B63B 21/54** (2013.01 - US); **B63B 22/02** (2013.01 - EP); **B63B 35/00** (2013.01 - US); **B63B 35/34** (2013.01 - EP); **E02B 3/068** (2013.01 - US); **E02B 3/24** (2013.01 - US); **E02B 3/26** (2013.01 - EP); **E02B 3/28** (2013.01 - EP); **B63B 2021/003** (2013.01 - EP US); **E02B 3/26** (2013.01 - US)

Citation (search report)
See references of WO 2020058734A1

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

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