

Title (en)
HEAVY DUTY MONOPILE FASTENING SYSTEM

Title (de)
SCHWERLAST-MONOPILE-BEFESTIGUNGSSYSTEM

Title (fr)
SYSTÈME DE FIXATION DE MONOPIEU À CHARGE LOURDE

Publication
EP 3575199 A1 20191204 (EN)

Application
EP 19176891 A 20190528

Priority
NL 2021025 A 20180531

Abstract (en)
Monopile fastening system for retaining a monopile during transport, comprising a frame for supporting the monopile, which frame comprises supporting elements at a predetermined distance from each other, which distance is selected to enable the frame to receive and support the monopile, wherein the supporting elements are embodied as vertical standards, wherein at least a first vertical standard is provided with at least one pivotable and upstanding arm having its pivot in common with the first vertical standard, and that at least one flexible element or band is provided to connect the first vertical standard with a second vertical standard, wherein the at least one flexible element or band is embodied with two extremities distant from each other at the ends of the flexible element or band, and wherein a first extremity of the at least one flexible element or band connects to the upstanding arm at a position distant from the pivot which the arm has in common with the first vertical standard, and a second extremity of the at least one flexible element or band connects to the second vertical standard.

IPC 8 full level
B63B 25/28 (2006.01); **A47B 81/00** (2006.01); **F16L 3/12** (2006.01); **F16L 3/20** (2006.01); **B63B 35/00** (2006.01)

CPC (source: EP)
B63B 25/28 (2013.01); **B63B 35/003** (2013.01)

Citation (applicant)
• EP 3109531 A1 20161228 - CONBIT ENG B V [NL]
• DE 4123430 C1 19920617

Citation (search report)
• [AD] EP 3109531 A1 20161228 - CONBIT ENG B V [NL]
• [A] DE 4123430 C1 19920617
• [A] WO 2017114533 A1 20170706 - VESTAS WIND SYS AS [DK]
• [A] AU 528400 B2 19830428 - BRUECHLE GILCHRIST & EVANS PTY LTD, et al

Cited by
NL2028568B1; WO2023275178A1; EP3929070A1; JP2021524418A; NL2024947B1; US11794862B2; WO2022144253A1; WO2022096523A1; WO2023242410A1

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

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BA ME

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