

Title (en)
MOORING PULLEY TENSIONING SYSTEM

Title (de)
VERTÄUUNGSRIEMENSCHLEIBENSANNSYSTEM

Title (fr)
SYSTÈME DE TENSIONNEMENT DE POULIE D'AMARRAGE

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Application
EP 17174598 A 20170606

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Abstract (en)
[origin: EP3251943A1] The invention relates to a mooring tensioning arrangement for a floating structure or vessel, wherein the mooring tensioning arrangement comprising, an anchor (2), a mooring line (3, 7), a fairlead chain stopper arrangement (12) arranged on the floating vessel (11), a midwater pulley device (4, 4', 4'') and a pulling unit (9, 10, 42, 51,52), said mooring line (3,7) is attached to the anchor (2) at a first end and attached to the pulling unit (9, 10, 10', 42, 51,52) at the second end, said mooring line (3) is extending from the anchor (2) through the fairlead chain stopper arrangement (12), said midwater pulley (4, 4',4'') is adapted to be arranged on a part of the mooring line (3, 7) arranged between the anchor (2) and the fairlead chain stopper arrangement (12), said fairlead chain stopper arrangement (12) comprising a chain stopper (6) interacting with said mooring line (3, 7) and a chain pulley (8) guiding the mooring line (3) through the fairlead chain stopper arrangement (12) and back towards the midwater pulley (4, 4', 4'') and from said midwater pulley (4, 4', 4'') towards said pulling unit (9, 10, 10', 42, 51, 52). The invention also relates to a method for mooring the tensioning arrangement for a floating structure or vessel.

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Cited by
CN110316318A; CN117566032A; CN114194331A; GB2595596A; EP3837159A4; GB2595596B; WO2020036615A1; WO2023211285A1

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