

Title (en)
A VESSEL WITH ON BOARD JIB CRANE

Title (de)
EIN SCHIFF MIT SCHWENKKRAN

Title (fr)
UN NAVIRE AVEC POTENCE

Publication
EP 3546335 A1 20191002 (EN)

Application
EP 18165162 A 20180329

Priority
EP 18165162 A 20180329

Abstract (en)
A vessel (1) has a hull (2) including a deck (3) and a crane (4) of which the largest part extends above the deck (3). The crane (4) is provided with a support column (5) that is fixed to the hull (2) and a turntable (6) which is mounted to the support column (5) and rotatable with respect to the support column (5) about an upwardly directed axis of rotation, a boom (7) having a proximal end portion that is pivotally mounted to the turntable (6) through a heel pin (8) having a heel pin axis which extends transversely with respect to the axis of rotation, and a hoisting cable (9) suspending from a lifting location (10) that is located at the boom (7) remote from said proximal end portion and a driving device for rotating the boom (7) with respect to the turntable (6) about the heel pin axis. The boom (7) is a non-articulated boom (7) which is rotatable between an upper position in which the lifting location (10) lies at a higher level than the heel pin axis and a lower position in which the lifting location (10) lies at a lower level than the heel pin axis.

IPC 8 full level
B63B 27/10 (2006.01); **B63B 27/30** (2006.01); **B63B 35/00** (2006.01); **B66C 23/52** (2006.01); **B66C 23/64** (2006.01); **B66C 23/84** (2006.01)

CPC (source: EP)
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Citation (applicant)
WO 2016159777 A1 20161006 - NAT OILWELL VARCO NORWAY AS [NO]

Citation (search report)
• [X] EP 2088114 A1 20090812 - ITREC BV [NL]
• [X] SU 1044587 A1 19830930 - BERKHIN I M [SU], et al
• [X] GB 910626 A 19621114 - MASCHF AUGSBURG NUERNBERG AG
• [A] US 3658187 A 19720425 - CAMPBELL GEORGE THOMAS RICHARD, et al
• [X] LLOYD DAMEN SHIPYARD: "Damen CBA 6324 bulk cargo or container crane barge", TRANSSHIPMENT OF BULK CARGOES AND CONTAINERS CLASS NOTATION REMOTE CONTROLLED GRAB CONTAINER EQUIPMENT, 16 January 2013 (2013-01-16), XP055144599, Retrieved from the Internet <URL:https://www.damen.com/~media/nl/Documents/Products/Datasheets/PB/CrBa/130902%20%20DamenDSCrane%20Barge%206324Container%20version201209.ashx> [retrieved on 20141006]

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Designated extension state (EPC)
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