

Title (en)
ARTICULATED BOOM CRANE, FOR OFFSHORE APPLICATION

Title (de)
GELENKAUSLEGERKRAN FÜR DEN OFFSHORE-EINSATZ

Title (fr)
GRUE À FLÈCHE ARTICULÉE, POUR APPLICATION OFFSHORE

Publication
EP 4008679 A1 20220608 (FR)

Application
EP 21211889 A 20211202

Priority
• FR 2012580 A 20201203
• FR 2108433 A 20210803

Abstract (en)
[origin: CN114590721A] The invention relates to an articulated boom crane for offshore applications, said articulated boom crane (1) comprising a crane shell (2), an articulated boom (3) carried by said crane shell (2), means (4) for operating said crane shell (2) and said articulated boom (3), and control means (5) for controlling said operating means (4). The control device (5) comprises an active compensation module (51) designed to control the operating device (4) taking into account data from the motion reference unit (7) in order to stabilize the downstream end (323) of the boom (32) advantageously in the horizontal and/or vertical position and also preferably in all directions.

Abstract (fr)
La présente invention concerne une grue à flèche articulée, pour application offshore, laquelle grue à flèche articulée (1) comprend une structure support (2), une flèche articulée (3), portée par ladite structure support (2), des moyens de manœuvre (4) de ladite structure support (2) et de ladite flèche articulée (3), et des moyens de commande (5), pour le pilotage desdits moyens de manœuvre (4). Les moyens de commande (5) comportent un module de compensation active (51) qui est conçu pour piloter lesdits moyens de manœuvre (4), tenant compte de données provenant d'un module d'acquisition des mouvements (7), de sorte à stabiliser une extrémité aval (323) de la flèche terminale (32), avantageusement dans un plan horizontal et/ou une position verticale, de préférence encore dans toutes les directions.

IPC 8 full level
B66C 23/53 (2006.01); **B63B 27/16** (2006.01); **B66C 13/02** (2006.01); **B66C 23/18** (2006.01); **B66C 23/64** (2006.01); **B66C 23/68** (2006.01); **B66F 11/04** (2006.01)

CPC (source: BR CN EP US)
B66C 13/02 (2013.01 - EP); **B66C 13/063** (2013.01 - US); **B66C 13/48** (2013.01 - CN); **B66C 23/08** (2013.01 - BR); **B66C 23/185** (2013.01 - EP); **B66C 23/52** (2013.01 - CN US); **B66C 23/53** (2013.01 - EP); **B66C 23/62** (2013.01 - CN); **B66C 23/68** (2013.01 - CN EP); **B66C 23/72** (2013.01 - CN); **B66C 23/84** (2013.01 - CN); **B66F 11/04** (2013.01 - EP); **B63B 27/16** (2013.01 - EP); **B66C 23/82** (2013.01 - US); **B66C 23/84** (2013.01 - US)

Citation (search report)
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Citation (third parties)
Third party : Anonymous
• US 4854800 A 19890808 - FRICK HEINZ E [GB], et al
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• EP 2194017 A1 20100609 - ENGINEERING SUPPORT AS [NO]

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

DOCDB simple family (publication)
EP 4008679 A1 20220608; **EP 4008679 B1 20241023**; BR 102021024450 A2 20220614; CN 114590721 A 20220607; US 11858783 B2 20240102; US 2022177279 A1 20220609

DOCDB simple family (application)
EP 21211889 A 20211202; BR 102021024450 A 20211203; CN 202111467073 A 20211203; US 202117541713 A 20211203