

Title (en)

Crane support and crane for use with the crane support

Title (de)

Kranstütze und Kran zur Verwendung mit der Kranstütze

Title (fr)

Support de grue et grue associée

Publication

EP 2944600 A1 20151118 (EN)

Application

EP 14171971 A 20140611

Priority

- EP 14168717 A 20140516
- EP 14171971 A 20140611

Abstract (en)

Crane support (1) for supporting from a ship structure a derrick type crane (3) for offshore emergency unloading of container cargo and the derrick type crane (3) for use with the support (1). The derrick type crane (3) has a nodal base (9) supporting a vertical mast (7) and first and second sill beams (11, 33) extending horizontally from the nodal base (9) in substantially perpendicular directions. The crane support (1) includes a main strut (5) with downwardly diverging first and second legs (5A, 5B), each having upper and lower ends and being arranged for supporting the nodal base (9) of the derrick type crane (3) from the upper ends, a first auxiliary strut (13) with upper and lower ends adapted to support from its upper end the first sill beam (11) at a location remote from the nodal base (9), and a second auxiliary strut (37) having upper and lower ends and being adapted to support from its upper end the second sill beam (33) at a location remote from the nodal base (9). The lower ends of the main, first auxiliary, and second auxiliary struts (5, 13, 37) are adapted to be attached to a ship structure, and an upper end of at least one of the main, first auxiliary, and second auxiliary struts (5, 13, 37) is adapted to be rigged to at least one of a ship structure, and a container cargo attached to the ship structure.

IPC 8 full level

B66C 23/20 (2006.01); **B66C 23/60** (2006.01)

CPC (source: EP)

B66C 23/206 (2013.01); **B66C 23/60** (2013.01)

Citation (applicant)

US 3148778 A 19640915 - FOX ROBERT P, et al

Citation (search report)

- [A] US 2051497 A 19360818 - SASGEN MICHAEL J, et al
- [A] FR 1188952 A 19590928
- [A] WO 9731855 A1 19970904 - STOOF PIETER M [NL]

Cited by

CN107150963A; DE102004054096B4; CN113336108A; CN113830685A; GB2615432A; WO2023061385A1

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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