

Title (en)

3D MOTION-COMPENSATED LIFTING ASSEMBLY FOR CRANES

Title (de)

3D-BEWEGUNGSKOMPENSIERTE HEBEANORDNUNG FÜR KRÄNE

Title (fr)

ENSEMBLE DE LEVAGE À COMPENSATION DE MOUVEMENT TRIDIMENSIONNELLE POUR GRUES

Publication

EP 3390265 B1 20191002 (EN)

Application

EP 16813058 A 20161216

Priority

- NO 20151817 A 20151218
- EP 2016081474 W 20161216

Abstract (en)

[origin: WO2017103139A1] 3D motion-compensated lifting assembly (200) for a crane (101) arranged on a vessel, barge or seagoing craft, the crane including a lower arm (110) and upper elbow arm (120), where the 3D motion-compensated lifting assembly (200) includes: - a connection assembly (300) adapted for arrangement to a distal end of the elbow arm (120), wherein the connection assembly (300) exhibits a rotational interface (331), - a telescopic boom (400) arranged to the rotational interface (331) of the connection assembly (300), and - a winch (500) with active heave compensation arranged to the telescopic boom (400).

IPC 8 full level

B66C 13/02 (2006.01); **B66C 23/52** (2006.01)

CPC (source: EP NO)

B63B 27/30 (2013.01 - NO); **B66C 13/02** (2013.01 - EP); **B66C 23/52** (2013.01 - EP NO)

Cited by

US11731863B2; CN114212704A; EP3842374A1; FR3105200A1; WO2023282759A1

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