

Title (en)

Hoisting device for transferring containerized cargo

Title (de)

Hubvorrichtung zum Transportieren von Containerladung

Title (fr)

Dispositif de levage pour transférer un fret en conteneurs

Publication

EP 2196427 A1 20100616 (EN)

Application

EP 08171667 A 20081215

Priority

EP 08171667 A 20081215

Abstract (en)

A hoisting device (201) for transferring containerized cargo (203) is particularly suitable for transferring cargo (203) from and to ships at sea. The hoisting device (201) includes a base frame (205), a mast stabilized by rigging wires, a boom (215), a turntable, and at least one winch (275). The turntable supports at least the boom (215) for rotation with respect to the base frame in a substantially horizontal plane. The base frame (205) of the hoisting device (201) is adapted to be supported from and secured to at least three top corner fittings of a portion of the containerized cargo (203) to be transferred. The hoisting device (201) is preferably constructed such that all parts can be dismantled and transported by helicopters to a casualty or shipwreck. It can thereafter be rigged on board of the stranded ship to effect the unloading of a containerized cargo (203).

IPC 8 full level

B66C 23/62 (2006.01); **B66C 19/00** (2006.01); **B66C 23/20** (2006.01)

CPC (source: EP)

B66C 19/002 (2013.01); **B66C 23/16** (2013.01); **B66C 23/206** (2013.01); **B66C 23/62** (2013.01)

Citation (applicant)

- US 2005220573 A1 20051006 - BENEDICT CHARLES E [US], et al
- EP 0879171 A1 19981125 - KIEBOOM JOHANNES HUBERTUS [NL]
- US 4932541 A 19900612 - BELSTERLING CHARLES A [US]
- US 5154561 A 19921013 - LEE DONALD E [US]

Citation (search report)

- [A] WO 9731855 A1 19970904 - STOOF PIETER M [NL]
- [A] NL 1015148 C1 20011113 - BASTIAAN KANTERS [NL]
- [A] DE 1209259 B 19660120 - BETEILIGUNGS & PATENTVERW GMBH
- [A] US 2008277365 A1 20081113 - SAGER YILDIRAY [US]

Cited by

AU2012376340B2; CN103420276A; WO2013014620A1; WO2014048516A1; US9102505B2; US9878762B2; US10479453B2; WO2013150172A1; WO2016131752A1; WO2017149155A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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