

Title (en)

GANTRY CRANE FOR HANDLING CONTAINERS

Title (de)

PORTALKRAN ZUM HANDHABEN VON KONTAINERN

Title (fr)

GRUE À PORTIQUE DE MANUTENTION DE CONTENEURS

Publication

EP 2962977 B1 20170111 (EN)

Application

EP 15382322 A 20150618

Priority

ES 201430937 A 20140620

Abstract (en)

[origin: EP2962977A1] The crane comprises: a gantry (1), a movable trolley (2), a main hoisting system (3) mounted on a movable trolley (2) and provided with hoisting cables (32) of a container carrier rig (33), wound in a first direction on at least one motorized drum (31, 31 a); and a counterweight system (4) which comprises, at least: a counterweight cable (41) with a first end wound onto a motorized drum (31, 31a) in a direction opposite that of the hoisting cables, and a second end attached to the movable trolley or wound on a motorized drum; said cable (41) forming a loop of variable length which comprises a horizontal section (44) arranged along the crossbeam (13) of the gantry, and at least one vertical end section (45) from which a counterweight (46) is suspended by means of a pulley (47).

IPC 8 full level

B66C 11/16 (2006.01); **B66C 19/00** (2006.01)

CPC (source: EP ES)

B66C 11/16 (2013.01 - EP); **B66C 19/007** (2013.01 - EP ES)

Cited by

CN110902575A; CN115535865A; CN112607593A; CN107098272A; CN111453620A; US2016137464A1; US9845227B2; CN105947898A; DE102017204309A1; WO2023087768A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2962977 A1 20160106; **EP 2962977 B1 20170111**; ES 2554647 A1 20151222; ES 2554647 B1 20160712

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