

Title (en)

COMBINATION AND USE OF TWO PORTAL CRANES

Title (de)

KOMBINATION UND ANWENDUNG VON ZWEI PORTALKRÄNEN

Title (fr)

COMBINAISON ET UTILISATION DE DEUX GRUES SUR PORTIQUE

Publication

EP 1507736 A2 20050223 (EN)

Application

EP 03738780 A 20030526

Priority

- NL 0300390 W 20030526
- NL 1020675 A 20020524

Abstract (en)

[origin: WO03099700A2] Portal crane (1) for loading and/or unloading a ship having a multiplicity of bays for containers (10) comprising a gantry (2) with travelling gear (5) for supporting the gantry on a quay (13), a boom supported by the gantry made up of a horizontal beam (6) and a jib (7) that during loading and/or unloading is an extension of the beam, and at least one crab (9) that can be driven along the jib, with hoisting means (20) for the containers. The gantry, viewed in the horizontal transverse direction of the jib, has a base width at the level of the quay. The hoisting means, viewed in this direction, can move along the crab over a traversing distance and the following relationship applies: $2 \times B_{bay} < B_{base} \leq 2 \times B_{bay} + T$, where: T =traversing distance, B_{bay} =bay width, B_{base} =base width. Also disclosed is a combination of two such cranes as well as the use of such a crane.

IPC 1-7

B66C 19/00

IPC 8 full level

B66C 19/00 (2006.01); **B66C 23/80** (2006.01)

CPC (source: EP)

B66C 9/10 (2013.01); **B66C 19/002** (2013.01); **B66C 23/80** (2013.01)

Citation (search report)

See references of WO 03099700A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03099700 A2 20031204; **WO 03099700 A3 20040212**; AU 2003246181 A1 20031212; AU 2003246181 A8 20031212; EP 1507736 A2 20050223; NL 1020675 C2 20031125

DOCDB simple family (application)

NL 0300390 W 20030526; AU 2003246181 A 20030526; EP 03738780 A 20030526; NL 1020675 A 20020524