

Title (en)

Mobile harbour crane as a mobile transfer device for piece goods

Title (de)

Hafenmobilkran als mobiles Umschlaggerät für Stückgüter

Title (fr)

Grue mobile de port comme un appareil de transbordement mobile pour marchandises de détail

Publication

EP 1380534 B1 20060426 (DE)

Application

EP 03015147 A 20030704

Priority

DE 10231911 A 20020709

Abstract (en)

[origin: EP1380534A1] Mobile harbor crane comprises a superstructure (5) connected to a chassis (4) via a rotating mechanism and forming the base for a pivoting extension arm (7) having a load-holding device (10) and supporting a fixed tower (6), drive aggregate and counterweight. The extension arm is pivotably hinged on the steel construction in the lower region of the superstructure and supports on its end an extension arm head (9) which is attached to the load-holding device by lifting cables. Preferred Features: The extension arm head is attached to the end of the extension arm by a parallelogram guide (8) and on pivoting remains vertically and horizontally aligned in every extension arm position by holding rods (8.1, 8.2) or holding cables.

IPC 8 full level

B66C 23/10 (2006.01); **B66C 13/08** (2006.01); **B66C 23/66** (2006.01)

CPC (source: EP US)

B66C 13/08 (2013.01 - EP US); **B66C 23/10** (2013.01 - EP US); **B66C 23/66** (2013.01 - EP US)

Cited by

CN106946157A; CN112249930A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1380534 A1 20040114; **EP 1380534 B1 20060426**; AT E324345 T1 20060515; DE 10231911 A1 20040205; DE 50303082 D1 20060601; DK 1380534 T3 20060828; ES 2263879 T3 20061216; PT 1380534 E 20060929; US 2004007552 A1 20040115

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