

Title (en)

Crane vehicle with detachable counterweight system

Title (de)

Fahrzeugkran mit entkoppelbarer Gegengewichtsanordnung

Title (fr)

Grue de véhicule avec dispositif de contrepoids pouvant être découplé

Publication

**EP 2657176 B1 20150708 (DE)**

Application

**EP 13155179 A 20130214**

Priority

DE 102012006494 A 20120330

Abstract (en)

[origin: EP2657176A1] The crane has a rotary table rotatably mounted on a chassis. A boom is mounted at the rotary table, and rocking around a horizontal axis. A counter weight arrangement is mounted at the rotary table and movable relative to the rotary table. A coupling device (4) mechanically couples a position of the counter weight arrangement at a rocking angle of the boom. The coupling device is decouplingly designed. A coupling rod (5) is designed such that a fork-like force application part of the rod is spaced at a distance from a complementary bolt-like force application part.

IPC 8 full level

**B66C 23/76** (2006.01)

CPC (source: EP KR US)

**B66C 23/76** (2013.01 - EP KR US)

Citation (examination)

DE 3438937 A1 19860424 - LIEBHERR WERK BIBERACH GMBH [DE]

Cited by

EP3050837A1; DE102015001080A1; EP3222576A1; US10124994B2; US10647554B2

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DOCDB simple family (publication)

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