

Title (en)
BALLAST DEVICE AND CRANE, IN PARTICULAR CATERPILLAR CRANE

Title (de)
BALLASTTIERVORRICHTUNG SOWIE KRAN, INSBESONDERE RAUPENKRAN

Title (fr)
DISPOSITIF DE BALLASTAGE ET GRUE, EN PARTICULIER GRUE CHENILLÉE

Publication
EP 3050837 A1 20160803 (DE)

Application
EP 15195577 A 20151120

Priority
DE 102015001080 A 20150128

Abstract (en)
[origin: CN105819355A] The present invention relates to a ballast apparatus for attaching to the rear of a crane superstructure, in particular of a crawler-mounted crane, having a base plate and a plurality of stackable ballast plates, wherein at least two carrier plates for receiving stacked ballast plates are connected to the base plate in an articulated manner pivotable about vertical pivot axes.

Abstract (de)
Ballasttiervorrichtung (10) zur Anbringung am Heck eines Kranoberwagens, insbesondere eines Raupenkranes, mit einer Grundplatte (20) und einer Vielzahl an stapelbaren Ballastplatten (23), wobei an der Grundplatte wenigstens zwei Trägerplatten (7, 8) zur Aufnahme von gestapelten Ballastplatten um vertikale Schwenkachsen (A, A') schwenkbar angelenkt sind.

IPC 8 full level
B66C 23/76 (2006.01)

CPC (source: CN EP RU US)
B66C 23/76 (2013.01 - CN EP RU US)

Citation (applicant)
• EP 2281771 A1 20110209 - MANITOWOC CRANE COMPANIES LLC [US]
• EP 2657176 A1 20131030 - MANITOWOC CRANE GROUP F SAS [FR]

Citation (search report)
• [X] US 3236391 A 19660222 - KENNEDY HARRY M
• [X] US 3378148 A 19680416 - STANLEY LEROY H
• [A] US 2693250 A 19541102 - BARRETT ARTHUR M
• [A] US 4083459 A 19780411 - ALLEN JAN K

Cited by
EP3878795A4; US2022144603A1; US11713221B2

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 15195577 A 20151120; CN 201610066217 A 20160128; DE 102015001080 A 20150128; EP 17165275 A 20151120; JP 2015253825 A 20151225; NO 12765224 A 20120330; RU 2016101608 A 20160120; US 201615007910 A 20160127