

Title (en)

Device for lifting a load and assembly of two formwork devices connected by two such lifting devices

Title (de)

Lasten-Hubvorrichtung und Anordnung von zwei Schalungsvorrichtungen, die durch solche Hubvorrichtungen miteinander verbunden sind

Title (fr)

Dispositif de soulèvement d'une charge et ensemble de deux dispositifs de coffrage reliés par deux tels dispositifs de soulèvement

Publication

EP 2308790 A1 20110413 (FR)

Application

EP 10187220 A 20101012

Priority

FR 0957125 A 20091012

Abstract (en)

The device has rigid lifting elements e.g. rods, connected by its base to a point spaced from a load e.g. formwork device (1A). A connection unit for connecting each lifting element to the point is utilized to allow inclination of one of the lifting element toward the other lifting element in a vertical plane defined by the point. The connection unit comprises leaf springs provided with a spring leaf utilized to bend the leaf springs with respect to each other. An independent claim is also included for a formwork device assembly comprising formwork devices whose upper edges are connected by lifting devices.

Abstract (fr)

Dispositif de soulèvement d'une charge (1A) en deux points espacés de cette charge, comprenant, pour chacun desdits points, un organe rigide de soulèvement (16, 17) relié par sa base audit point, les moyens de liaison de chaque organe rigide audit point étant adaptés pour permettre une inclinaison dudit organe de soulèvement vers l'autre desdits points dans le plan vertical défini par les deux points. Lesdits moyens de liaison comprennent un ressort à lame(s) (24) comportant au moins une lame de ressort adaptée pour fléchir vers l'autre desdits points. Application au soulèvement de paires de dispositifs de coffrage de béton.

IPC 8 full level

B66C 1/42 (2006.01); **E04G 19/00** (2006.01)

CPC (source: EP)

B66C 1/42 (2013.01); **E04G 19/003** (2013.01); **E04G 2011/067** (2013.01)

Citation (applicant)

FR 2808041 A1 20011026 - OUTINORD ST AMAND [FR]

Citation (search report)

- [AD] FR 2808041 A1 20011026 - OUTINORD ST AMAND [FR]
- [A] DE 4237155 C1 19931104 - MEYER KELLER NOE SCHALTTECH [DE]
- [A] GB 1243049 A 19710818 - POMPE WILHELMUS ANTONIUS MARIA [NL]

Cited by

CN109098428A; CN115075559A; US11339032B2; FR3021337A1; FR3095218A1; FR3032953A1; FR3035134A1; US10941580B2; FR3104148A1; US11807498B2; US11702853B2; US11105116B1; US11499339B2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2308790 A1 20110413; **EP 2308790 B1 20130717**; FR 2951149 A1 20110415; FR 2951149 B1 20111118

DOCDB simple family (application)

EP 10187220 A 20101012; FR 0957125 A 20091012