

Title (en)

SPRUNG LIFTING DEVICE FOR A CRANE

Title (de)

GEFEDERTE HEBEVORRICHTUNG FÜR EINEN KRAN

Title (fr)

DISPOSITIF DE LEVAGE À RESSORT POUR GRUE

Publication

EP 3768626 A1 20210127 (DE)

Application

EP 19711331 A 20190314

Priority

- DE 102018106729 A 20180321
- EP 2019056391 W 20190314

Abstract (en)

[origin: WO2019179870A1] The present invention relates to a lifting device for a crane which comprises a lifting cable winch, a lifting cable and a load-receiving means (10), the load-receiving means (10) being connected to the lifting cable and being movable by means of the lifting cable winch, in particular vertically movable. According to the invention the lifting device has at least one spring mounting (12) so that on the whole the load to be lifted and received by the load-receiving means (10) is mounted in a sprung manner.

IPC 8 full level

B66C 1/34 (2006.01); **B66C 1/40** (2006.01); **B66D 3/04** (2006.01)

CPC (source: EP US)

B66C 1/34 (2013.01 - EP US); **B66C 1/40** (2013.01 - EP US); **B66D 3/04** (2013.01 - EP US); **B66C 1/36** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019179870 A1 20190926; CN 112154116 A 20201229; DE 102018106729 A1 20190926; EP 3768626 A1 20210127;
US 11932516 B2 20240319; US 2021139289 A1 20210513

DOCDB simple family (application)

EP 2019056391 W 20190314; CN 201980033782 A 20190314; DE 102018106729 A 20180321; EP 19711331 A 20190314;
US 201916982268 A 20190314