

Title (en)

A method for damping oscillations and a crane provided with an oscillation damper

Title (de)

Ein Verfahren zur Dämpfung von Schwingungen und ein Kran versehen mit einem Oszillationsdämpfer

Title (fr)

Une méthode d'amortissement des oscillations et une grue munie d'un amortisseur d'oscillations

Publication

EP 2455321 A1 20120523 (EN)

Application

EP 11187807 A 20111104

Priority

SE 1051216 A 20101119

Abstract (en)

In a method and a device for providing operator-independent oscillation damping in a hydraulically operated crane having a loading tool attached to a swingable jib, the swinging of the jib is driven by means of a hydraulic swing device (6) for the adjustment thereof into different working positions. The loading tool is joined to a hydraulically actuated brake mechanism (16, 18), the regulation of which is operator-independently pressure sensed from the swing device (6) for the activation of the brake mechanism (16, 18) that counteracts undesired oscillations of the loading tool.

IPC 8 full level

B66C 3/00 (2006.01); **B66C 13/06** (2006.01); **E02F 9/22** (2006.01)

CPC (source: EP SE)

B66C 3/00 (2013.01 - SE); **B66C 3/005** (2013.01 - EP); **B66C 13/06** (2013.01 - SE); **B66C 13/066** (2013.01 - EP); **E02F 9/2207** (2013.01 - EP SE)

Citation (search report)

- [A] DE 4216241 A1 19921126 - KARLSSON EINAR [SE]
- [A] FR 2211571 A1 19740719 - RHEINSTAHL AG HANOMAG BAUMASCH [DE]
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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)

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DOCDB simple family (application)

EP 11187807 A 20111104; SE 1051216 A 20101119