

Title (en)

Movable working device, in particular mobile crane

Title (de)

Mobiles Arbeitsgerät, insbesondere Mobilkran

Title (fr)

Engin mobile, notamment grue mobile

Publication

EP 2752384 B1 20170927 (DE)

Application

EP 13075085 A 20131216

Priority

DE 102013000463 A 20130103

Abstract (en)

[origin: EP2752384A1] The working machine comprises an undercarriage (1) and a support device with support cylinders (2) to create the support base required for operation, a top carriage (3) mounted pivotally on the undercarriage, an intersecting unit (4), and a counterweight arrangement (5). One or more additional hydraulic supports (6) are arranged underneath of the undercarriage or in the proximity of several additional hydraulic supports. The control units are arranged for controlling and monitoring the loads of support device and the additional hydraulic supports. An independent claim is included for a method for controlling supporting forces on additional support of mobile working machine.

IPC 8 full level

B66C 23/80 (2006.01)

CPC (source: EP US)

B66C 13/18 (2013.01 - US); **B66C 23/80** (2013.01 - EP US)

Citation (examination)

- CN 201777806 U 20110330 - SANY AUTOMOBILE MFG CO LTD
- JP H11263588 A 19990928 - TADANO LTD

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

DOCDB simple family (publication)

EP 2752384 A1 20140709; EP 2752384 B1 20170927; CN 103910293 A 20140709; DE 102013000463 A1 20140703; US 2014183151 A1 20140703

DOCDB simple family (application)

EP 13075085 A 20131216; CN 201410002160 A 20140103; DE 102013000463 A 20130103; US 201414146400 A 20140102