

Title (en)

Self-propelled construction machine and method for operating the same

Title (de)

Selbstfahrende Baumaschine und Verfahren zum Betreiben einer selbstfahrenden Baumaschine

Title (fr)

Engin automoteur et procédé de fonctionnement d'un engin automoteur

Publication

EP 2722441 B1 20161116 (DE)

Application

EP 13186534 A 20130927

Priority

DE 102012020655 A 20121019

Abstract (en)

[origin: EP2722441A1] The machine has an adjustable support system (10) that includes left and right adjustable supports (10L,10R) for raising and lowering the left-hand and right-hand running gears (4L,4R), respectively, relative to a machine frame (1). A control unit has a sensor system for detecting the changes in a height of the ground surface in relation to the machine frame in a control mode. The support system adjusts the supports to raise or lower one of the running gears to compensate a lateral tilting movement of the machine frame resulting from the change in the height of the ground surface. An independent claim is included for a method of operating a self-propelled construction machine.

IPC 8 full level

E01C 23/088 (2006.01)

CPC (source: EP US)

E01C 23/088 (2013.01 - EP US); **E01C 23/127** (2013.01 - US); **E01C 19/004** (2013.01 - US)

Cited by

EP3067468A1; DE102015003153A1; DE102015003153B4; CN110185474A; CN105970783A; DE102021118775A1; US10465347B2; US11492767B2; EP3290586A1; EP3670747A1; EP4345212A3; US10378350B2; US11105052B2; US11203929B2; US9803478B2; US10267146B2

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 2722441 A1 20140423; **EP 2722441 B1 20161116**; CN 103774540 A 20140507; CN 103774540 B 20160817; CN 203583339 U 20140507; DE 102012020655 A1 20140424; US 2014110990 A1 20140424; US 2015252539 A1 20150910; US 8998344 B2 20150407; US 9670630 B2 20170606

DOCDB simple family (application)

EP 13186534 A 20130927; CN 201310492604 A 20131018; CN 201320646715 U 20131018; DE 102012020655 A 20121019; US 201313790515 A 20130308; US 201514663518 A 20150320