

Title (en)

Street construction machine and method for controlling the distance of a street construction machine moving on a ground surface

Title (de)

Straßenbaumaschine, sowie Verfahren zum Steuern des Abstandes einer auf einer Bodenoberfläche bewegten Straßenbaumaschine

Title (fr)

Engin et procédé de commande d'un intervalle d'un engin mobile sur une surface terrestre

Publication

EP 2392731 B1 20170726 (DE)

Application

EP 11165465 A 20110510

Priority

DE 102010022467 A 20100602

Abstract (en)

[origin: EP2392731A2] The road construction machine (1), particularly a road milling machine, comprises a machine frame (2) and a chassis (4) for carrying the machine frame at a level. The chassis is moved on a floor surface (6) in a drive direction (9), where the chassis has a height adjustment device (8). A transmitter (15) is firmly arranged on the machine frame, where a receiver (16) is arranged parallel to the machine frame in a moving manner along the momentary reference point on the machine frame. An independent claim is also included for a method for controlling the distance of a machine frame on a ground surface.

IPC 8 full level

E01C 21/00 (2006.01); **E01C 23/088** (2006.01)

CPC (source: EP US)

E01C 19/004 (2013.01 - EP US); **E01C 21/00** (2013.01 - US)

Cited by

EP3647494A1; DE102018127222A1; CN114585784A; DE102018127222B4; US11047096B2

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 2392731 A2 20111207; **EP 2392731 A3 20150114**; **EP 2392731 B1 20170726**; CN 102330407 A 20120125; CN 102330407 B 20140813; CN 202107979 U 20120111; DE 102010022467 A1 20111208; DE 102010022467 A8 20120301; DE 102010022467 B4 20141204; US 2011299926 A1 20111208; US 2014199120 A1 20140717; US 8672581 B2 20140318; US 9057161 B2 20150616

DOCDB simple family (application)

EP 11165465 A 20110510; CN 201110147318 A 20110602; CN 201120184262 U 20110602; DE 102010022467 A 20100602; US 201113109078 A 20110517; US 201414183682 A 20140219