

Title (en)

Spray device for a construction machine for earth works, construction machine with a spray device and method for operating a spray device

Title (de)

Einsprüheinrichtung für eine Baumaschine zur Bodenbearbeitung, Baumaschine mit einer Einsprüheinrichtung und Verfahren zum Betrieb einer Einsprüheinrichtung

Title (fr)

Dispositif de pulvérisation pour un engin de traitement de sol, engin doté d'un dispositif de pulvérisation et procédé de fonctionnement d'un dispositif de pulvérisation

Publication

EP 2423384 B1 20131009 (DE)

Application

EP 11004500 A 20110601

Priority

DE 102010035129 A 20100823

Abstract (en)

[origin: EP2423384A2] The spraying device has fluid delivery devices for delivering large amount of fluid into the working chamber at fixed operating pressure. The fluid is passed to the fluid delivery devices through a conduit system. A control unit is installed for controlling the fluid delivery with respect to the fluid delivery devices. Several exhaust nozzles are installed within the inner surfaces of the fluid delivery devices. An independent claim is included for operation method of spraying device.

IPC 8 full level

E01C 19/17 (2006.01)

CPC (source: EP US)

B05B 13/005 (2013.01 - US); **E01C 19/17** (2013.01 - US); **E01C 19/178** (2013.01 - EP US); **E01C 21/00** (2013.01 - EP); **E01C 23/065** (2013.01 - EP); **E01C 23/088** (2013.01 - EP US)

Cited by

DE102013010866A1; WO2014206534A1; US9863247B2; DE102014001921A1; US9359728B2; DE102014001921B4

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 2423384 A2 20120229; EP 2423384 A3 20120606; EP 2423384 B1 20131009; DE 102010035129 A1 20120223; US 11549223 B2 20230110; US 2012043401 A1 20120223; US 2020063382 A1 20200227

DOCDB simple family (application)

EP 11004500 A 20110601; DE 102010035129 A 20100823; US 201113209532 A 20110815; US 201916669967 A 20191031