Title (en)

Road finisher with measuring device

Title (de)

Straßenfertiger mit Messvorrichtung

Title (fr)

Finisseuse de route dotée d'un dispositif de mesure

Publication

EP 2562309 A1 20130227 (DE)

Application

EP 11006864 A 20110822

Priority

EP 11006864 A 20110822

Abstract (en)

The road paver (1) has towing machine (2) movable on a plane (4) along a work area. A screed (5) is provided for laying a new road pavement (7). A measuring device (8) is configured to register surface that is depicted as a point cloud by measuring device. The point cloud is extended in three spatial dimensions relative to measuring device to create spatial depiction of surface. Several points of point cloud defined by three-dimensional coordinates are aligned in first direction, and other pair of points of point cloud lies at angle to first direction.

Abstract (de)

Straßenfertiger (1) mit einer Zugmaschine (2), die entlang eines Arbeitsbereichs auf einem Planum (4) bewegbar ist, einer Einbaubohle (5), die zum Aufbringen eines Straßenbelags (7) vorgesehen ist, sowie mit mindestens einer Messvorrichtung (8), die dazu konfiguriert ist, eine Punktwolke (12) zu erzeugen, die eine dreidimensionale Beschaffenheit der Oberfläche des Planums (4) darstellt.

IPC 8 full level

E01C 19/48 (2006.01)

CPC (source: EP US)

E01C 19/006 (2013.01 - EP US); **E01C 19/48** (2013.01 - EP US); **E01C 23/07** (2013.01 - EP US)

Citation (search report)

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- [X] US 2004161299 A1 20040819 - SMITH JOHN PAUL [US]
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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)

EP 2562309 A1 20130227; **EP 2562309 B1 20140402**; CN 102953312 A 20130306; CN 109537412 A 20190329; EP 2687631 A1 20140122; EP 2687631 B1 20150819; JP 2013047454 A 20130307; JP 6124240 B2 20170510; PL 2562309 T3 20140930; PL 2687631 T3 20160129; US 2013051913 A1 20130228; US 9290894 B2 20160322

DOCDB simple family (application)

EP 11006864 A 20110822; CN 201210299715 A 20120821; CN 201811254055 A 20120821; EP 13188708 A 20110822; JP 2012179177 A 20120813; PL 11006864 T 20110822; PL 13188708 T 20110822; US 201213586588 A 20120815