

Title (en)

Hydraulic control assembly for the screed of a road finisher

Title (de)

Hydraulische Steueranordnung für die Bohle eines Strassenfertigers

Title (fr)

Agencement de commande hydraulique pour la poutre lisseuse d'une finisseuse de route

Publication

**EP 2233641 B1 20130710 (DE)**

Application

**EP 10002445 A 20100309**

Priority

- DE 102009012384 A 20090309
- DE 102009019839 A 20090504

Abstract (en)

[origin: EP2233641A2] The arrangement (1) has consumer connections (7, 8) for pressurizing a piston (2a) of a double-acting actuation cylinder (2) with load pressure or relief pressure. A pressure regulating valve (15) i.e. proportional valve, regulates the relief pressure, which is applied to the actuation cylinder. The load- or relief pressure is controllable based on a traveling speed of a road finisher. Hydraulic oil is pushing out from a piston side of the actuation cylinder and is supplied to a tank connection (6) through directional valves (11, 13).

IPC 8 full level

**E01C 19/48** (2006.01)

CPC (source: EP US)

**E01C 19/48** (2013.01 - EP US); **E01C 2301/14** (2013.01 - EP US)

Cited by

CN107366648A; EP2813619A1; EP3361003A1; DE102017002225A1; US10260205B2; US9447552B2; US9670629B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2233641 A2 20100929; EP 2233641 A3 20120328; EP 2233641 B1 20130710; EP 2233641 B2 20170301**; CN 101831860 A 20100915; CN 101831860 B 20130828; DE 102009019839 A1 20100916; US 2010284742 A1 20101111; US 9267248 B2 20160223

DOCDB simple family (application)

**EP 10002445 A 20100309**; CN 201010129982 A 20100309; DE 102009019839 A 20090504; US 72058010 A 20100309