

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 A3 20120328 (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)

Citation (search report)

- [X] JP 2006161290 A 20060622 - SUMITOMO CONSTR MACHINERY MFG
- [XA] JP 2006161421 A 20060622 - SUMITOMO CONSTR MACHINERY MFG
- [X] JP 2002285513 A 20021003 - CATERPILLAR MITSUBISHI LTD
- [A] FR 2666104 A1 19920228 - COCHERY BOURDIN CHAUSSE [FR]

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

Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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