

Title (en)
SELF-PROPELLED CONSTRUCTION MACHINE AND METHOD FOR PROCESSING FLOOR LININGS

Title (de)
SELBSTFAHRENDE BAUMASCHINE UND VERFAHREN ZUM BEARBEITEN VON BODENBELÄGEN

Title (fr)
ENGIN DE CONSTRUCTION AUTOMOTEUR ET PROCÉDÉ DE TRAITEMENT DES REVÊTEMENTS DE SOL

Publication
EP 3587668 B1 20210428 (DE)

Application
EP 19166117 A 20190329

Priority
DE 102018210253 A 20180622

Abstract (en)
[origin: US2019390417A1] In a self-propelled construction machine (1), in particular road milling machine, recycler, stabilizer or surface miner, comprising a machine frame (4), at least two travelling devices (2), at least one hydraulic drive system (50) for driving at least two travelling devices (2), at least one working device, in particular a milling drum (6), for working the ground pavement (3), it is provided for the following features to be achieved: a detection device (44, 60, 62) is provided which detects fluctuations in the longitudinal speed (vact) of the construction machine (1) during movement of the construction machine (1), wherein a control unit (38) controls the hydraulic drive system (50) as a function of the detected fluctuations in such a fashion that the drive speed (vdrive) for driving the travelling devices (2) specified by means of the hydraulic drive system (50) is continuously adjusted so that the detected fluctuations are reduced or compensated for.

IPC 8 full level
E01C 23/088 (2006.01); **B28D 1/18** (2006.01); **B28D 7/00** (2006.01); **B60W 30/14** (2006.01); **E01C 21/00** (2006.01); **E01C 23/12** (2006.01); **E21C 25/00** (2006.01); **E21C 31/02** (2006.01)

CPC (source: CN EP US)
E01C 19/48 (2013.01 - CN); **E01C 21/00** (2013.01 - CN); **E01C 23/065** (2013.01 - US); **E01C 23/088** (2013.01 - CN EP US); **E01C 23/127** (2013.01 - EP); **E21C 31/02** (2013.01 - EP); **E21C 47/00** (2013.01 - CN US); **B28D 1/18** (2013.01 - EP); **B28D 7/005** (2013.01 - EP); **E01C 21/00** (2013.01 - EP); **E01C 23/12** (2013.01 - EP)

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 3587668 A1 20200101; **EP 3587668 B1 20210428**; CN 110629642 A 20191231; CN 110629642 B 20210615; CN 211113045 U 20200728; DE 102018210253 A1 20191224; US 10968576 B2 20210406; US 2019390417 A1 20191226

DOCDB simple family (application)
EP 19166117 A 20190329; CN 201910436165 A 20190523; CN 201920751736 U 20190523; DE 102018210253 A 20180622; US 201916426479 A 20190530