

Title (en)

GROUND COMPACTING DEVICE CONTROL DEVICE

Title (de)

STEUERVORRICHTUNG FÜR BODENVERDICHTUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE COMMANDE POUR UN DISPOSITIF DE COMPACTAGE DU SOL

Publication

EP 3719206 B1 20220309 (DE)

Application

EP 20162351 A 20200311

Priority

DE 102019109021 A 20190405

Abstract (en)

[origin: US2020318308A1] A control apparatus for a soil compacting apparatus such as a vibratory plate has a movable operating element for specifying a running direction of the soil compacting apparatus by way of an operator, and having a hydraulic master device, with a master cylinder, in which a master piston can be moved to and fro in a linear manner, in order to generate a hydraulic signal. A hydraulic connector serves for coupling hydraulic components of the soil compacting apparatus and for transmitting the hydraulic signal from the master device. A transmission device is provided for converting the movement of the operating element into a linear movement of the master piston, it being possible for the operating element to be moved between a first position (V) and a second position (R). The first position corresponds to a maximum forward movement of the soil compacting apparatus, and the second position corresponds to a maximum reverse movement of the soil compacting apparatus. A latching device is provided for releasably holding the operating element in a predefined position, for example the first position.

IPC 8 full level

E02D 3/046 (2006.01); **E02D 3/074** (2006.01)

CPC (source: EP US)

E01C 19/402 (2013.01 - US); **E02D 3/046** (2013.01 - EP); **E02D 3/074** (2013.01 - EP US); **E01C 2301/00** (2013.01 - US)

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 3719206 A1 20201007; **EP 3719206 B1 20220309**; DE 102019109021 A1 20201008; DK 3719206 T3 20220509; US 11608607 B2 20230321; US 2020318308 A1 20201008

DOCDB simple family (application)

EP 20162351 A 20200311; DE 102019109021 A 20190405; DK 20162351 T 20200311; US 202016837161 A 20200401