

Title (en)

Soil compacting device in form of a vibration plate

Title (de)

Bodenverdichtungsgerät in Form einer Vibrationsplatte

Title (fr)

Engin de compactage du sol sous forme de plaque vibrante

Publication

EP 1980671 A3 20120627 (DE)

Application

EP 08002260 A 20080207

Priority

DE 102007017554 A 20070412

Abstract (en)

[origin: EP1980671A2] The soil tamping device in the form of a vibrating plate, with vibrations of a soil contacting element (2) produced by vibration exciter (4) driven by a hydraulic motor, has a solenoid-operated 2/2 hydraulic directional control valve which brings about an interruption of the supply of the hydraulic motor with hydraulic fluid. The directional control valve directs hydraulic fluid from a feed line via a bypass line unpressurized into a reservoir. The directional control valve is preloaded in an open position by means of spring force.

IPC 8 full level

E01C 19/26 (2006.01); **E01C 19/28** (2006.01); **E01C 19/38** (2006.01); **E02D 3/046** (2006.01)

CPC (source: EP)

E01C 19/38 (2013.01); **E02D 3/046** (2013.01)

Citation (search report)

- [XY] US 4779418 A 19881025 - ARTZBERGER THOMAS G [US]
- [Y] EP 0242809 A1 19871028 - DYNAPAC AB [SE]
- [A] DE 19834443 A1 20000203 - WACKER WERKE KG [DE]
- [A] EP 1722036 A2 20061115 - AMMANN VERDICHUNG GMBH [DE]

Cited by

CN116252384A; CN102518116A

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 1980671 A2 20081015; **EP 1980671 A3 20120627**; **EP 1980671 B1 20151111**; DE 102007017554 A1 20081016

DOCDB simple family (application)

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