

Title (en)
TAMPER

Title (de)
Stampfer

Title (fr)
FOULOIR

Publication
EP 2804987 B1 20171101 (DE)

Application
EP 13700253 A 20130108

Priority
• DE 102012000711 A 20120116
• EP 2013000033 W 20130108

Abstract (en)
[origin: WO2013107613A1] The invention relates to an implement (1) for treatment of the ground, having a holding or guiding device (6) for holding the implement (1) in a main working position, an upper mass (2), a lower mass (3) that is arranged below the upper mass (2) in the main working position, is movably coupled to the upper mass (2) by spring means, and has a ground contacting device (4) oriented downward in the main working position, a vibration excitation device for producing a working motion of the lower mass (3), wherein the ground contacting device (4) can be put into an impacting motion directed downward in the main working position, a drive device having an electric motor for driving the vibration excitation device, and an electrical energy store (8) for supplying the electric motor with electrical energy. The energy store (8) is arranged on the upper mass (2) or the lower mass (3) by means of a vibration decoupling device (10, 11) in such a way that the energy store can be decoupled from vibrations.

IPC 8 full level
E02D 3/074 (2006.01)

CPC (source: EP)
E02D 3/074 (2013.01); **F25B 27/005** (2013.01)

Cited by
WO2022184697A1; WO2023018873A1

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)
DE 102012000711 A1 20130718; EP 2804987 A1 20141126; EP 2804987 B1 20171101; WO 2013107613 A1 20130725

DOCDB simple family (application)
DE 102012000711 A 20120116; EP 13700253 A 20130108; EP 2013000033 W 20130108