

Title (en)
SOIL COMPACTING MACHINE

Title (de)
BODENVERDICHTUNGSVORRICHTUNG

Title (fr)
VIBREUR POUR COMPACTER LE SOL

Publication
EP 2376713 A1 20111019 (DE)

Application
EP 10700378 A 20100112

Priority
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Abstract (en)
[origin: WO2010081674A1] A tamper as a soil-compacting device has a combustion engine (1), a soil contact element (6) and a motion conversion device (5) for converting a rotary movement of the combustion engine (1) into an oscillating linear movement of the soil contact element (6). Furthermore, a clutch device for connecting and interrupting the force flow between the combustion engine (1) and the motion conversion device (5) is provided. In addition to the combustion engine (1), an electric motor (20) with a rotor (21) and a stator (22) is provided, wherein the operator can switch between the combustion engine (1) and the electric motor (20). The rotor (21) can be arranged directly on a clutch bell (13) of the clutch device (8).

IPC 8 full level
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CPC (source: EP US)
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See references of WO 2010081674A1

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