

Title (en)
Vibrating tamper

Title (de)
Vibrationsstampfer

Title (fr)
Dispositif de bourrage par vibrations

Publication
EP 0707115 A2 19960417 (DE)

Application
EP 95110696 A 19950708

Priority
DE 4436081 A 19941010

Abstract (en)
The connecting point (11) of the handle (10) to the stamper (8) lies above a point which is the crossing point of a given line (L). It runs at right angles to the centreline (A) of the stamper. The extension (10b) of the handle carries a counterweight (12). The division of the masses, over the handle and its extension, is so that the product of the mass of the counterweight times the two lengths (lv, lva) which determine its position, divided by the product of the mass of the stamper times the lengths (lb, lBa), which define its position is 0.6 to 1.5.

Abstract (de)
Die Erfindung betrifft einen Vibrationsstampfer (1) zur Bodenverdichtung mit einem vom Stampferkopf (8) abgehenden Führungsbügel (10), der elastisch am Stampfer (1) angelenkt ist. Dabei befindet sich der Anlenkpunkt (11) des Führungsbügels (10) am Stampferkopf (8) oberhalb eines vom Griffbereich des Bügels (10) ausgehenden gedachten Lotes (L) auf die Stampfer-Längsachse (A) und der Bügel weist eine spezielle Massenverteilung hinsichtlich seines Anlenkpunktes (11) auf. <IMAGE>

IPC 1-7
E01C 19/35; **E02D 3/046**; **B25F 5/02**

IPC 8 full level
B06B 1/14 (2006.01); **B25F 5/02** (2006.01); **E01C 19/34** (2006.01); **E01C 19/35** (2006.01); **E02D 3/046** (2006.01); **E02D 3/061** (2006.01)

CPC (source: EP US)
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US 5645370 A 19970708; AT E185387 T1 19991015; BR 9504329 A 19961008; CA 2158793 A1 19960411; CA 2158793 C 20010918; DE 4436081 A1 19960411; DE 59506982 D1 19991111; EP 0707115 A2 19960417; EP 0707115 A3 19960918; EP 0707115 B1 19991006; ES 2139118 T3 20000201; JP 2949475 B2 19990913; JP H08120616 A 19960514; ZA 958507 B 19960729

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