

Title (en)
Vibrating tamper for compacting a base

Title (de)
Vibrationsstampfer zur Verdichtung eines Untergrundes

Title (fr)
Vibrocompacteur destiné à étanchéifier un sous-sol

Publication
EP 2434053 B1 20160323 (DE)

Application
EP 11007669 A 20110921

Priority
DE 102010046401 A 20100923

Abstract (en)
[origin: EP2434053A2] The tool (1) has a bearing placed in a housing of an eccentric cam gear wheel (7). Another bearing transfers mechanical work of a motor (5) to a base (3). The base comprises a stamping foot housing with a stamping plate (13) extending along a stamping axis (9) that is parallel to a plane of the latter bearing placed in a connecting rod. The stamping axis is formed between the former bearing and the plane of the latter bearing, and is displaced toward the motor. The connecting rod is bent toward the motor. A driven shaft is oriented vertically to the stamping axis.

IPC 8 full level
E01C 19/35 (2006.01); **E01C 19/38** (2006.01); **E02D 3/046** (2006.01); **E02D 3/074** (2006.01)

CPC (source: EP US)
E01C 19/35 (2013.01 - EP US); **E01C 19/38** (2013.01 - EP US); **E02D 3/074** (2013.01 - EP US)

Cited by
DE102016009029A1; DE102016009086A1; WO2018019408A1; US10801167B2

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