

Title (en)  
Tamper for soil compaction

Title (de)  
Stampfgerät zur Bodenverdichtung

Title (fr)  
Pilon pour compactage du sol

Publication  
**EP 2251488 B1 20151111 (DE)**

Application  
**EP 10162811 A 20100514**

Priority  
DE 102009003113 A 20090514

Abstract (en)  
[origin: EP2251488A2] The device (1) has working mass (4) driveable in a compacting manner, where the working mass is linearly movable back and forth via a crank mechanism, a piston (16) and a spring set (3) by a motor belonging to an upper mass (2). The spring set includes two springs (17, 18) i.e. compression springs, where one of the springs is compressible during a forward movement of the piston and the other spring is compressible during a backward movement of the piston. The latter spring is arranged within a free space inside the former spring. The piston exhibits a pot shape.

IPC 8 full level  
**E02D 3/068** (2006.01)

CPC (source: EP)  
**E02D 3/068** (2013.01)

Cited by  
CN105332369A; CN108487223A; CN111139813A; CN113073515A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 2251488 A2 20101117; EP 2251488 A3 20120926; EP 2251488 B1 20151111**

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