

Title (en)
STAMPER COMPRISING A LOW-OSCILLATION GUIDING HANDLE

Title (de)
STAMPFER MIT SCHWINGUNGSARMEM FÜHRUNGSBÜGEL

Title (fr)
PILON COMPORTANT UNE POIGNEE DE GUIDAGE ANTIVIBRATOIRE

Publication
EP 1412581 A1 20040428 (DE)

Application
EP 02762402 A 20020726

Priority

- DE 10137337 A 20010731
- EP 0208346 W 20020726

Abstract (en)
[origin: WO03012205A1] The invention relates to a stamping device for compacting soil. Said device comprises an upper body (10) and a lower body (12) which can be linearly moved counter to each other by means of a drive, a guiding element and an integrated spring system. Said device can be manually guided by means of a handle (14) over a working area. In order to transfer as little oscillation as possible to the handle (14), said handle (14) is connected to the upper body (10) and the lower body (12) by means of an intermediate element (20) extending between the upper body (10) and the lower body (12), in which area the movement or weight forces from the upper body (10) and the lower body (12) are extensively compensated.

IPC 1-7
E01C 19/35; E02D 3/046

IPC 8 full level
E01C 19/34 (2006.01); **E01C 19/35** (2006.01); **E02D 3/046** (2006.01)

CPC (source: EP US)
E01C 19/35 (2013.01 - EP US); **E02D 3/046** (2013.01 - EP US)

Citation (search report)
See references of WO 03012205A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03012205 A1 20030213; WO 03012205 B1 20030403; DE 10137337 A1 20030403; EP 1412581 A1 20040428; JP 2004537662 A 20041216; US 2004234337 A1 20041125

DOCDB simple family (application)
EP 0208346 W 20020726; DE 10137337 A 20010731; EP 02762402 A 20020726; JP 2003517372 A 20020726; US 48571704 A 20040130