

Title (en)

Vibrating tamper

Title (de)

Vibrationsstampfer

Title (fr)

Dispositif de bourrage par vibrations

Publication

EP 0707115 B1 19991006 (DE)

Application

EP 95110696 A 19950708

Priority

DE 4436081 A 19941010

Abstract (en)

[origin: US5645370A] A vibration tamper for packing soil has a guide handle elastically hinged on a tamper head of the tamper. The pivot point of the guide handle is located on the tamper head above an imaginary perpendicular extending from the grip area of the handle to the tamper longitudinal axis, and/or the handle has a special distribution of mass with regard to its pivot point.

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)

B06B 1/14 (2013.01 - EP US); **E01C 19/35** (2013.01 - EP US); **E02D 3/061** (2013.01 - EP US)

Citation (examination)

- US 3856426 A 19741224 - WASCHULEWSKI H, et al
- US 4014620 A 19770329 - VURAL GULERTAN, et al
- FR 888976 A 19431228 - ROBERT WACKER KOM GES

Cited by

CN108930264A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

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

DOCDB simple family (application)

US 53588095 A 19950928; AT 95110696 T 19950708; BR 9504329 A 19951009; CA 2158793 A 19950921; DE 4436081 A 19941010; DE 59506982 T 19950708; EP 95110696 A 19950708; ES 95110696 T 19950708; JP 25804795 A 19951005; ZA 958507 A 19951009