

Title (en)  
Vibration tamper

Title (de)  
Vibrationsstampfer

Title (fr)  
Vibrocompacteur

Publication  
**EP 2743400 A3 20160518 (DE)**

Application  
**EP 13005624 A 20131203**

Priority  
DE 102012024222 A 20121211

Abstract (en)  
[origin: EP2743400A2] The tamper (1) has a superstructure (2a) comprising a driving motor (3) and a guide bar (4), where the motor is supported at a machine frame (10). A substructure (2b) has a compactor base (5) driven by the motor, where the base has a compactor plate (9). A drive train (11) produces a drive connection between the motor and the base such that the base is movable relative to the superstructure along a compactor axis with compacting amplitude. The motor is designed as a liquid gas powered driving engine, and a gas supply line is provided for supplying evaporated liquid gas to the motor.

IPC 8 full level  
**E01C 19/38** (2006.01)

CPC (source: EP US)  
**E01C 19/38** (2013.01 - EP US); **E02D 3/046** (2013.01 - EP US)

Citation (search report)

- [YD] DE 20105768 U1 20010621 - BOMAG GMBH [US]
- [Y] DE 2226689 A1 19731213 - RILCO MASCHF

Cited by  
CN109469014A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2743400 A2 20140618; EP 2743400 A3 20160518; EP 2743400 B1 20180418**; DE 102012024222 A1 20140612;  
US 2014161541 A1 20140612; US 9863111 B2 20180109

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**EP 13005624 A 20131203**; DE 102012024222 A 20121211; US 201314103348 A 20131211