

Title (en)

Vibration ram

Title (de)

Vibrationsramme

Title (fr)

Marteaux à vibration

Publication

EP 2392413 A3 20171129 (DE)

Application

EP 11004220 A 20110521

Priority

DE 102010022468 A 20100602

Abstract (en)

[origin: EP2392413A2] The vibrating hammer has a vibration generator, where shaft groups (1,2) are connected with a drive such that the rotation speed of a shaft group is half the rotation speed of another shaft group. The ratio of the static moments of the shaft groups is between six to one and ten to one. The shaft groups are provided with imbalance groups. An independent claim is also included for a method for inserting a profile into the ground using a vibrating pile driver.

IPC 8 full level

B06B 1/16 (2006.01)

CPC (source: EP)

B06B 1/16 (2013.01)

Citation (search report)

- [XY] EP 2105213 A1 20090930 - ANLAGENTECH BAUMASCH IND [DE]
- [Y] AT 359545 B 19801110 - POLITECHNIKA WARSZAWSKA [PL]

Cited by

EP2789401A1; EP2789403A1; CN113145434A; EP2789402A1; US9289799B2; EP2789402B1

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 2392413 A2 20111207; EP 2392413 A3 20171129; EP 2392413 B1 20190626; DE 102010022468 A1 20111208

DOCDB simple family (application)

EP 11004220 A 20110521; DE 102010022468 A 20100602