

Title (en)

Vibrator for a vibratory pile driver

Title (de)

Schwingungserzeuger für ein Vibrationsrammgerät

Title (fr)

Vibrateur pour un appareil de fonçage vibratoire

Publication

EP 2067533 B1 20130925 (DE)

Application

EP 08000543 A 20080112

Priority

- EP 07025254 A 20071206
- EP 08000543 A 20080112

Abstract (en)

[origin: EP2067533A1] The vibrator has unbalance masses (3311, 3321, 3331) arranged on shafts (33, 35) that are supported in a housing in a rotatable manner, where the shafts are provided with toothed wheels (331-333, 351-353). An adjusting unit is provided for adjusting relative rotating positions of the masses. Inductive sensors (310) are arranged at a distance to each other at the circumference of the wheels and provided for detecting an angular acceleration of the masses. The sensors are connected with a programmable controller that compares measured values detected by the sensors with maximum values.

IPC 8 full level

B06B 1/16 (2006.01); **E02D 7/18** (2006.01)

CPC (source: EP US)

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