

Title (en)

VIBRATION GENERATOR AND CONSTRUCTION MACHINE HAVING SUCH A VIBRATION GENERATOR

Title (de)

SCHWINGUNGSERZEUGER SOWIE BAUMASCHINE MIT EINEM SOLCHEN SCHWINGUNGSERZEUGER

Title (fr)

GÉNÉRATEUR DE VIBRATIONS AINSI QU'ENGIN DE CHANTIER COMPORTANT UN TEL GÉNÉRATEUR DE VIBRATIONS

Publication

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Application

EP 20719402 A 20200414

Priority

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- EP 2020060442 W 20200414

Abstract (en)

[origin: WO2020224918A1] The invention relates to a vibration generator for piling machines, compactors or other construction machines, having at least two unbalance trains, each comprising unbalanced masses which are rotatably drivable by a drive apparatus, and an adjustment apparatus for adjusting the phase position of the rotating unbalanced masses relative to each other. According to the invention, the unbalanced masses of different unbalance trains are arranged coaxially without a fixed transmission ratio relative to each other, wherein the unbalanced masses of a first unbalance train are arranged between the unbalanced masses, coaxial therewith, of a second unbalance train, and the drive apparatus is designed to drive the unbalance trains with rotation speed differences which are variable relative to each other.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2020224918A1

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