

Title (en)

VIBRATION GENERATOR FOR A SOIL COMPACTING DEVICE

Title (de)

SCHWINGUNGSERREGER FÜR EINE BODENVERDICHTUNGSVORRICHTUNG

Title (fr)

GENERATEUR DE VIBRATIONS POUR DISPOSITIF DE COMPACTAGE DU SOL

Publication

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Application

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Abstract (en)

[origin: WO03028905A1] The invention relates to vibration generator for a soil compacting device referred to as a towed vibrating device . The vibration generator has two parallelly arranged unbalanced shafts (1, 2) that each support a fixed (6, 7) and a freely rotating unbalanced mass (8, 9). An unbalance adjusting device (10) enables the position of both freely rotating unbalanced masses (8, 9) to be adjusted in such a manner that, during a maximum unbalance action of one of the unbalanced shafts (2), the unbalance action on the other unbalanced shaft (1) is minimized. The unbalance adjusting device (10) can alter the position of the unbalanced masses (8, 9) whereby rendering possible a to-and-fro movement of the soil compacting device or a compaction when stationary.

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