

Title (en)
OSCILLATION EXCITER

Title (de)
SCHWINGUNGSRERGER

Title (fr)
GÉNÉRATEUR D'OSCILLATIONS

Publication
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Application
EP 07802157 A 20070905

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Abstract (en)
[origin: WO2008028652A1] An oscillation exciter, in particular for a vibration plate, has a rotating unbalanced mass (3) for producing a non-directional oscillation which is transmitted to a ground contact element (1). In order to transmit the oscillation to the ground contact plate (1), a transmission device (7, 8) is provided, which connects the unbalanced shaft (3) to the ground contact element (1) and by means of which the non-directional oscillation of the unbalanced shaft (3) can be converted to a directional oscillation for the ground contact plate (1). The transmission device (7, 8) is designed such that, with respect to an oscillation plane, it has different and variable stiffnesses in different directions within the oscillation plane.

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