

Title (en)

OSCILLATION EXCITATION DEVICE FOR PRODUCING OSCILLATIONS AND/OR VIBRATIONS

Title (de)

SCHWINGUNGSERREGERVORRICHTUNG ZUM ERZEUGEN VON SCHWINGUNGEN UND/ODER VIBRATIONEN

Title (fr)

DISPOSITIF EXCITEUR DE VIBRATIONS POUR GÉNÉRER DES OSCILLATIONS ET/OU DES VIBRATIONS

Publication

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Application

EP 20715842 A 20200330

Priority

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- EP 2020058911 W 20200330

Abstract (en)

[origin: WO2020201194A1] The invention relates to an oscillation excitation device for producing oscillations and/or vibrations, wherein an electric motor (1) is provided, which has a stator unit (3) and a rotor unit (2) that can be rotated about an axis of rotation and has at least one rotor shaft (2, 14); wherein at least a first bearing unit and a second bearing unit for rotatably mounting the rotor shaft (2, 14) and/or rotor unit (2) are provided; wherein at least one electromagnetic drive system of the electric motor (1) is arranged between the first bearing unit and the second bearing unit; wherein at least one rotatable imbalance unit (5) for producing an imbalance is provided, which oscillation excitation device at least partially eliminates the disadvantages of the prior art and in particular enables economical production and/or operation. This is achieved according to the invention in that the imbalance unit (5) is arranged at least between the first bearing unit and the second bearing unit.

IPC 8 full level

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Citation (search report)

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