

Title (en)

VIBRATION PRODUCER AND METHOD FOR PRODUCING VIBRATIONS

Title (de)

SCHWINGUNGSERZEUGER UND VERFAHREN ZUM ERZEUGEN VON SCHWINGUNGEN

Title (fr)

GÉNÉRATEUR DE VIBRATIONS ET PROCÉDÉ PERMETTANT DE GÉNÉRER DES VIBRATIONS

Publication

**EP 3576890 A1 20191211 (DE)**

Application

**EP 18703701 A 20180124**

Priority

- EP 17154559 A 20170203
- EP 2018051684 W 20180124

Abstract (en)

[origin: WO2018141601A1] The invention relates to a vibration producer, which has a first rotationally drivable imbalance shaft, on which a first imbalance is arranged, at least one second rotationally drivable imbalance shaft, on which a second imbalance is arranged, a common drive for rotationally driving the two imbalance shafts, and a transmission assembly, which is arranged between the drive and the imbalance shafts in order to transmit a torque of the drive to the imbalance shafts. The transmission assembly distributes an input torque of the drive to a first output element for the first imbalance and a second output element for the second imbalance. For torque transmission, a first deflection element is arranged between the transmission assembly and the first imbalance shaft and a second deflection shaft is arranged between the transmission assembly and the second imbalance shaft.

IPC 8 full level

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CPC (source: EP US)

**B06B 1/16** (2013.01 - EP); **B06B 1/166** (2013.01 - US); **E01C 19/286** (2013.01 - US)

Citation (search report)

See references of WO 2018141601A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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**EP 3357589 A1 20180808**; CN 110234441 A 20190913; CN 110234441 B 20210413; EP 3576890 A1 20191211; EP 3576890 B1 20210113; US 11420232 B2 20220823; US 2020230652 A1 20200723; WO 2018141601 A1 20180809

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