Title (en)
CONSTRUCTION MACHINE WITH VIBRATION GENERATOR AND METHOD FOR GENERATING VIBRATIONS

Title (de)
BAUMASCHINE MIT SCHWINGUNGSERZEUGER UND VERFAHREN ZUM ERZEUGEN VON SCHWINGUNGEN

Title (fr)
ENGIN DE CHANTIER AVEC GÉNÉRATEUR DE VIBRATIONS ET PROCÉDÉ DE GÉNÉRATION DE VIBRATIONS

Publication
EP 3576890 B1 20210113 (DE)

Application
EP 18703701 A 20180124

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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.

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