

Title (en)  
VIBRATORY DRIVE

Title (de)  
VIBRATIONSANTRIEB

Title (fr)  
SYSTÈME DESTINÉ À PRODUIRE DES VIBRATIONS

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Application  
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Abstract (en)  
[origin: WO2011095200A2] The invention relates to a vibratory drive of a vibrating roller, comprising an unbalanced-mass vibration generator, which can be used in at least one binding of the vibrating roller operated by an external drive device or advancing device such that the unbalanced-mass vibration generator can be rotated relative to the binding in at least one direction. According to the invention, the unbalanced-mass vibration generator is mechanically coupled to a hydraulic motor, which can be supplied with a pressure medium by a hydraulic pump in order to rotate the unbalanced-mass vibration generator. Furthermore, at least one high-pressure accumulator is provided in order to accommodate pressure medium pumped by the hydraulic motor in a pushing operation. Moreover, the high-pressure accumulator feeds stored pressure medium to the hydraulic motor in a driving operation of the hydraulic motor.

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