

Title (en)

DEVICE AND METHOD FOR GENERATING IMPACT IMPULSES OR VIBRATION OF A CONSTRUCTION MACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN VON SCHLAGIMPULSEN ODER SCHWINGUNGEN FÜR EINE BAUMASCHINE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PRODUCTION D'IMPULSIONS DE CHOCS OU DE VIBRATIONS POUR UN ENGIN DE CHANTIER

Publication

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Application

**EP 17176586 A 20170619**

Priority

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Abstract (en)

[origin: CA3005244A1] The invention relates to a device and a method for generating percussive pulses or vibrations for a construction machine, in which a piston is reversibly reciprocated in a working space in a housing between a first reversal point and a second reversal point, wherein, for the purpose of generating the percussive pulses or vibrations, the piston is set into a reversible movement by means of a pressure fluid and the said pressure fluid is led into and out of the working space in the region of the first reversal point and the second reversal point. According to the invention provision is made in that the position of the piston is detected by way of a measuring means, in that depending on the detected position of the piston a control unit controls at least one controllable valve, through which pressure fluid is led into and/or out of the working space, wherein by the control unit the movement of the piston is controlled.

IPC 8 full level

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