

Title (en)

INTERNAL VIBRATOR PROVIDED WITH A LIBERATION DEVICE

Title (de)

INNENRÜTTELVORRICHTUNG MIT BEFREIUNGSEINRICHTUNG

Title (fr)

VIBRATEUR INTERNE POURVU D'UN DISPOSITIF DE LIBERATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2005012669A1] The invention relates to an internal vibrator consisting of an electric motor (2), a vibrator case (1) and an unbalance device (3) arranged in the vibrator case (1) and rotationally driven by the electric motor (2). The inventive internal vibrator also comprises a main switch (7) which switches on and off said electric motor operating in normal operation mode associated with a rotary behaviour for compacting liquid concrete. In order to release said internal vibrator from a deadlock, an operating mode modification device enables it to operate in a liberation mode wherein the rotary behaviour of the electric motor (2) differs from the normal operation mode thereof. The deviation of the rotary behaviour of the electric motor (2) displays, for example the reversion of the rotation direction and the speed thereof and the temporal modification of the speed of rotation or the rotation direction of said electric motor.

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