

Title (en)
INTERNAL VIBRATOR WITH A MEASURING SYSTEM

Title (de)
INNENRÜTTLER MIT MESSSYSTEM

Title (fr)
VIBRATEUR INTERNE DOTE D'UN SYSTEME DE MESURE

Publication
EP 1165907 B1 20050518 (DE)

Application
EP 00910811 A 20000310

Priority
• DE 19913077 A 19990323
• EP 0002138 W 20000310

Abstract (en)
[origin: WO0057000A1] An internal vibrator for vibrating concrete has a measuring device for determining certain operating parameters, e.g. for measuring the motion of a vibrating cylinder (2) in which a device for generating vibrations is accommodated (2) or a power consumption or speed of an electromotor belonging to the device for generating vibrations. Two acceleration sensors (6) that are able to detect the acceleration values for the vibrating cylinder (2) in the concrete to be vibrated are also suitable since this enables conclusions to be made about the result of the vibration. The measuring values of the acceleration sensor (6) and a power measuring device are evaluated by an evaluation circuit and can be conveyed to the user via a display (9).

IPC 1-7
E04G 21/08

IPC 8 full level
E04G 21/08 (2006.01)

CPC (source: EP US)
B06B 1/16 (2013.01 - EP); **B28B 1/0935** (2013.01 - EP); **E04G 21/08** (2013.01 - EP US)

Cited by
EP4311640A1; DE102022118543A1; EP4311896A1; DE102022118542A1

Designated contracting state (EPC)
DE FR IT SE

DOCDB simple family (publication)
WO 0057000 A1 20000928; WO 0057000 B1 20001221; DE 19913077 A1 20001019; DE 19913077 C2 20030612; DE 50010353 D1 20050623; EP 1165907 A1 20020102; EP 1165907 B1 20050518; JP 2002540323 A 20021126; US 2008012165 A1 20080117

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