

Title (en)
A poker vibrator for compacting concrete.

Title (de)
Innenrüttler zum Verdichten von Beton.

Title (fr)
Vibreux interne pour compacter le béton.

Publication
EP 0428028 A1 19910522 (EN)

Application
EP 90121059 A 19901102

Priority
SE 8903740 A 19891108

Abstract (en)
The present invention relates to a method, and an apparatus for carrying out the method, in internal or 'poker' vibrators intended for compacting concrete, the vibration-generating movement being imparted to the vibrators by an electric motor housed in the poker and driving an excentric mass, and in which the power, transmission from a power source to the electric motor is effected via an electric cable enclosed in a casing. According to the method, the vibrations generated by the poker vibrator are insulated exclusively to the poker itself with the aid of a vibration-insulating element mounted between the poker and the casing. The method is carried into effect in that the poker (1) and the casing (2) are united with a helical spring (4), or alternatively with an element of polymer material, which, in its longitudinal direction, has a central portion (4a) with a spring rate which is higher than the spring rate of the surrounding free portions (4b, 4c).

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B28B 1/08; E04G 21/08

IPC 8 full level
E04G 21/08 (2006.01)

CPC (source: EP)
E04G 21/08 (2013.01)

Citation (search report)

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