

Title (en)

OSCILLATION DETECTING DEVICE FOR COMPACTING SOIL

Title (de)

BODENVERDICHTUNGSVORRICHTUNG MIT SCHWINGUNGSDETEKTION

Title (fr)

DISPOSITIF DE COMPACTAGE DU SOL AVEC DETECTION DES OSCILLATIONS

Publication

EP 1285135 A1 20030226 (DE)

Application

EP 01945001 A 20010412

Priority

- DE 10019806 A 20000420
- EP 0104243 W 20010412

Abstract (en)

[origin: WO0181680A1] A device for compacting the soil, comprising a soil contact element (5) which is impinged upon by an oscillation exciter enabling the soil to be compacted. The soil contact element (5) is elastically (4) coupled to an upper mass (1) . The upper mass (1) is used as a detection mass, whereby the acceleration thereof is detected by an acceleration sensor (6). A measuring signal (7) emitted by the acceleration sensor (6) is evaluated in a control device (8) which controls the oscillation exciter (2) according to a deviation from a set value.

IPC 1-7

E01C 19/28; **E01C 19/38**

IPC 8 full level

E01C 19/28 (2006.01); **E01C 19/38** (2006.01)

CPC (source: EP US)

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Citation (search report)

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