

Title (en)

Process and apparatus for assessment of the bearing capacity of an object inserted into the ground through vibration

Title (de)

Verfahren und Einrichtung zum Messen der Tragfähigkeit eines in den Boden durch Schwingung eingeführten Objektes

Title (fr)

Procédé et dispositif pour la détermination de la force portante d'un objet enfoncé dans le sol par vibrofonçage

Publication

EP 1411177 B1 20051116 (FR)

Application

EP 03290053 A 20030109

Priority

FR 0200392 A 20020114

Abstract (en)

[origin: EP1411177A1] Method for determination of the force acting on an object (1) forced into the ground using a vibrator (2). Accordingly once the object has been forced into the ground to a given level, the insertion forcing process is stopped. An increasing axial force is then applied to the object until the object just moves. The threshold force applied to move the object corresponds to the static force acting on the object. The invention also relates to a corresponding device.

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E02D 33/00

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102009019416A1; CN103217348A; CN113293807A; CN110512664A

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