

Title (en)

Method to determine the degree of compaction of a foundation

Title (de)

Verfahren zum Ermitteln der Lagerungsdichte

Title (fr)

Méthode pour déterminer le degré de compaction d'une fondation

Publication

EP 1295994 B1 20070502 (DE)

Application

EP 02021013 A 20020920

Priority

DE 10146342 A 20010920

Abstract (en)

[origin: EP1295994A2] The sub-surface vibrator (13), suspended on a rod (11), has an unbalanced weight (15) rotating about a vertical axis. With a supply of water and/or air if appropriate, it is vibrated into the ground. It is drawn up in a series of stages. It is held vibrating in individual strata. Compaction is calculated from the vibration amplitude, taking into account stress-dependent ground parameters.

IPC 8 full level

E02D 1/02 (2006.01); **E02D 3/054** (2006.01); **G01N 9/00** (2006.01); **G01N 33/24** (2006.01)

CPC (source: EP)

E02D 1/022 (2013.01)

Cited by

CN108468320A; CN109667205A; EP3315668A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1295994 A2 20030326; **EP 1295994 A3 20030820**; **EP 1295994 B1 20070502**; AT E361396 T1 20070515; DE 10146342 A1 20030417; DE 10146342 B4 20051208; DE 50210060 D1 20070614

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