

Title (en)

SOIL COMPACTING DEVICE WITH ADJUSTABLE VIBRATION PROPERTIES

Title (de)

BODENVERDICHTUNGSVORRICHTUNG MIT VERÄNDERBAREN SCHWINGUNGSEIGENSCHAFTEN

Title (fr)

ENGIN DE COMPACTAGE DU SOL A PROPRIETES VIBRATOIRES MODULABLES

Publication

EP 0998609 B1 20010328 (DE)

Application

EP 98943738 A 19980716

Priority

- DE 19731731 A 19970723
- EP 9804441 W 19980716

Abstract (en)

[origin: DE19731731A1] The invention relates to a soil compacting device in which the damping properties of a damping system (4), which in a vibration system couples an upper mass (1) and a lower mass (3) together with a spring system (2), can be modified while the device is in operation. Therefore, when the soil compacting device passes over soils having different properties it can constantly be adjusted in an optimal manner to the ground underneath it by acting on the vibration properties of the overall vibration system.

IPC 1-7

E01C 19/38; **E02D 3/046**

IPC 8 full level

E01C 19/38 (2006.01); **E02D 3/046** (2006.01)

CPC (source: EP US)

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Cited by

DE102012024222A1; DE102010052243A1; US8974153B2; US9863111B2

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