

Title (en)
Soil compacting device

Title (de)
BodenverdichtungsVorrichtung

Title (fr)
Dispositif pour compacter le sol

Publication
EP 1411173 A2 20040421 (DE)

Application
EP 03022798 A 20031011

Priority
• DE 20215843 U 20021015
• DE 20307434 U 20030512

Abstract (en)
The ground securing device has a fast change unit on the arm of the digger which is fixed to the rest of the plant and a measuring device for establishing the firmness of the securing apparatus on the ground. The measuring device can be attached and removed and is driven by the actuator and is coupled to it. The amplitude/frequency of the actuator is relative to the measurement signal of the measuring unit.

Abstract (de)
Eine BodenverdichtungsVorrichtung, die mittels einer Schnellwechseleinrichtung am Arm eines Baggers oder dergleichen befestigbar ist und die mindestens einen Schwingungserzeuger und eine Messeinrichtung zur Feststellung des Verdichtungszustandes des Bodens aufweist.

IPC 1-7
E02D 3/02

IPC 8 full level
E02D 3/02 (2006.01); **E02D 3/026** (2006.01); **E02D 33/00** (2006.01); **E02F 3/96** (2006.01); **E02D 3/068** (2006.01)

CPC (source: EP)
E02D 3/02 (2013.01); **E02D 3/026** (2013.01); **E02D 33/00** (2013.01); **E02F 3/967** (2013.01); **E02D 3/068** (2013.01)

Cited by
DE102011002712B4; DE102011002712A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1411173 A2 20040421; EP 1411173 A3 20050105

DOCDB simple family (application)
EP 03022798 A 20031011