

Title (en)  
Soil compacting device

Title (de)  
Bodenverdichtungsvorrichtung

Title (fr)  
Dispositif pour compacter le sol

Publication  
**EP 1411174 A2 20040421 (DE)**

Application  
**EP 03022799 A 20031011**

Priority  
• DE 20215843 U 20021015  
• DE 20307433 U 20030512

Abstract (en)  
A ground compacting machine has a lower section with an eccentric mass and a ground compacting plate, and an upper section with controls. The two sections are separated by angled dampers fitted each side of the machine. The dampers have elastic blocks mounted on angled support rails and can accommodate lateral as well as vertical vibrations. The machine is fitted to the operating arm of a JCB or other vehicle via a grip coupling on the top of the machine.

Abstract (de)  
Eine Bodenverdichtungsvorrichtung mit einem Oberteil (14) und mit einem Unterteil (11), in dem ein Schwingungserzeuger (13) angeordnet ist, wobei zwischen dem Oberteil (14) und dem Unterteil (11) im vorderen und hinteren Bereich der Vorrichtung (10) mindestens je eine auf Stoß belastbare federnde Anordnung (16, 17) vorgesehen ist. <IMAGE>

IPC 1-7  
**E02D 3/02**

IPC 8 full level  
**E02D 3/026** (2006.01); **E02D 3/074** (2006.01); **E02D 33/00** (2006.01); **E02F 3/96** (2006.01); **E02D 3/068** (2006.01)

CPC (source: EP)  
**E02D 3/026** (2013.01); **E02D 3/074** (2013.01); **E02D 33/00** (2013.01); **E02F 3/967** (2013.01); **E02D 3/068** (2013.01)

Cited by  
CN107246018A; CN106192979A; EP1936037A1; EP2864548B1; EP3385453B1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1411174 A2 20040421; EP 1411174 A3 20050105; EP 1411174 B1 20090408**

DOCDB simple family (application)  
**EP 03022799 A 20031011**