

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>

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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)
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Cited by
CN107246018A; CN106192979A; EP1936037A1; EP2864548B1; EP3385453B1

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DE FR GB

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