

Title (en)

WORKING MACHINE WITH REDUCED UPPER MASS VIBRATIONS

Title (de)

ARBEITSGERÄT MIT REDUZIERTEN OBERMASSENSCHWINGUNGEN

Title (fr)

INSTRUMENT DE TRAVAIL A VIBRATIONS MASSIQUES SUPERIEURES REDUITES

Publication

EP 1012403 A1 20000628 (DE)

Application

EP 98945286 A 19980825

Priority

- DE 19739743 A 19970910
- EP 9805392 W 19980825

Abstract (en)

[origin: DE19739743A1] According to the invention, a ramming machine for compacting soil, or a hammer has a crank mechanism (3, 4, 5, 6, 7, 16) for producing a directed vibration, said crank mechanism being coupled with a spring assembly (11). The parts of the crank mechanism which move back and forth linearly are made from a material with a density less than that of steel. This prevents vibrations which are unpleasant for the person operating the working machine from occurring.

IPC 1-7

E02D 3/068; **E02D 3/046**

IPC 8 full level

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DOCDB simple family (publication)

DE 19739743 A1 19990318; **DE 19739743 C2 19990708**; DE 59812129 D1 20041118; EP 1012403 A1 20000628; EP 1012403 B1 20041013; JP 2001515976 A 20010925; JP 3851084 B2 20061129; US 2004165953 A1 20040826; US 6848858 B1 20050201; US 6854923 B2 20050215; WO 9913166 A1 19990318

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