

Title (en)

RAMMING DEVICE COMPRISING A VIBRATION REDUCING GUIDE CYLINDER

Title (de)

STAMPFGERÄT MIT SCHWINGUNGSGEDÄMPFTEM FÜHRUNGSZYLINDER

Title (fr)

APPAREIL DE PILONNAGE A CYLINDRE DE GUIDAGE AMORTISSANT LES VIBRATIONS

Publication

EP 1097272 B1 20030115 (DE)

Application

EP 99934621 A 19990707

Priority

- DE 19830979 A 19980710
- EP 9904782 W 19990707

Abstract (en)

[origin: US6443651B1] A working device, especially a ramming device for compacting soil, comprises a housing which belongs to an upper mass, and has a working mass which can be linearly driven back and forth with regard to the upper mass. The working mass is linearly guided via a guide cylinder which is fastened to the housing with elastic mobility. The transfer of bounce impacts acting upon the working mass to the upper mass can be effectively reduced by the elastic mobility of the guide cylinder with regard to the housing.

IPC 1-7

E02D 3/068

IPC 8 full level

E02D 3/068 (2006.01)

CPC (source: EP US)

E02D 3/068 (2013.01 - EP US); **Y10T 74/18208** (2015.01 - EP US)

Cited by

DE102019107219A1; DE102021129281A1; EP4012100A1; DE102020133340A1; EP3712330A1; EP4174234A1; DE102021128299A1

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US 60129100 A 20000727; AT 99934621 T 19990707; DE 19830979 A 19980710; DE 59904052 T 19990707; EP 9904782 W 19990707; EP 99934621 A 19990707; JP 2000559309 A 19990707