

Title (en)

Mobile cutting device with vibration isolated drive unit

Title (de)

Fahrbare Schneidvorrichtung mit schwingungsisolierter Antriebseinheit

Title (fr)

Dispositif de coupe mobile avec unité d'entraînement isolée vibratoirement

Publication

**EP 1749938 B1 20090527 (DE)**

Application

**EP 06015252 A 20060721**

Priority

DE 102005036838 A 20050804

Abstract (en)

[origin: EP1749938A2] The device has a drive-belt pulley (14) and an output-drive pulley (15) that are held by a base plate (10), an arm (16) and a drive motor (11) such that an axis-center distance between two axes of the pulleys is constant. A drive belt (17) couples the drive-belt pulley with the output-drive pulley. A clutch (19) is provided between the drive motor and the pulley (14) and/or between the pulley (15) and a tool holder (24) to transmit driving torque and to balance changing or vibration misalignment between an axis of the holder and the pulley (15).

IPC 8 full level

**E01C 23/09** (2006.01)

CPC (source: EP)

**E01C 23/0933** (2013.01)

Cited by

EP3372729A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1749938 A2 20070207; EP 1749938 A3 20070919; EP 1749938 B1 20090527**; AT E432387 T1 20090615; DE 102005036838 A1 20070215; DE 102005036838 B4 20100121; DE 502006003800 D1 20090709; ES 2324827 T3 20090817

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