

Title (en)

Device for reduction and/or compensation of vibrations, in particular for a handheld machine tool and for use in handheld machine tools

Title (de)

Vorrichtung zur Reduktion und/oder Kompensation von Vibrationen, insbesondere für eine Handwerkzeugmaschine, und zur Verwendung in Handwerkzeugmaschinen

Title (fr)

Dispositif de réduction et/ou de compensation de vibrations, notamment pour une machine-outil manuelle et pour l'utilisation dans des machines-outils manuelles

Publication

EP 2269781 A3 20140129 (DE)

Application

EP 10161761 A 20100503

Priority

DE 102009027422 A 20090702

Abstract (en)

[origin: EP2269781A2] The device (100) has a drive mechanism (104) e.g. swash plate drive (106), acting on a movably mounted adjusting body (102). The adjusting body is driven by the drive mechanism. An auxiliary mass (140) is moved relative to the adjusting body and provided at or in the adjusting body. The auxiliary mass is arranged within the adjusting body. The auxiliary mass is guided at or to the adjusting body. The auxiliary mass is formed from mass bodies. The auxiliary mass exhibits degree of freedom of movement relative to the adjusting body. An independent claim is also included for a handheld machine tool comprising a drive device.

IPC 8 full level

B25D 17/24 (2006.01)

CPC (source: EP)

B25D 17/24 (2013.01); **B25D 17/245** (2013.01); **B25D 2211/061** (2013.01); **B25D 2217/0088** (2013.01); **B25D 2217/0092** (2013.01)

Citation (search report)

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- [X] GB 2129733 A 19840523 - WALTON JEAN
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- [X] WO 2004111489 A2 20041223 - BELL HELICOPTER TEXTRON INC [US], et al
- [A] GB 2086005 A 19820506 - MINAMIDATE MAKOTO, et al
- [A] WO 2008010467 A1 20080124 - HITACHI KOKI KK [JP], et al

Cited by

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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