

Title (en)
Method of manufacturing a power tool

Title (de)
Verfahren zur Herstellung eines Kraftwerkzeugs

Title (fr)
Méthode de fabrication d'un outil électrique

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Application
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Abstract (en)
It is an object of the invention to provide a technique for optimizing a vibration reducing mechanism of a power tool (121). According to the invention, a method of manufacturing a power tool is provided. Such power tool may include a tool bit (137), a driving motor (131), driving force transmitting mechanism (133) and a counter weight (139). The representative method may include a step of determining the mass and travel of the counter weight based on the magnitudes of vibration caused in the power tool under loaded driving conditions in which the tool bit receives a load by performing the processing operation and under unloaded driving conditions in which the tool bit does not receive a load by performing the processing operation. By such determination, vibration reducing mechanism of the power tool can be optimized and thus, rational manufacturing technique of a power tool can be provided.

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Citation (search report)
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