

Title (en)
ELECTRIC TOOL

Title (de)
ELEKTRISCHES WERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE

Publication
EP 2380707 A4 20140709 (EN)

Application
EP 09834807 A 20091218

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Abstract (en)
[origin: EP2380707A1] It is an object of the invention to provide a cooling technique which contributes to improvement of the performance of cooling a motor and a high-temperature region in a power tool. The power tool includes a tool body 103 and a motor 111 which is housed within the tool body 103, and performs a predetermined operation on a workpiece by driving the motor 111 to drive a tool bit 119 which is disposed in a front end region of the tool body 103. A motor cooling air passage 137 is provided within the tool body 103 and cooling air for cooling the motor flows through the motor cooling air passage 137. A heat pipe 131 connects the motor cooling air passage 137 and a high-temperature region 108 located away from the motor cooling air passage 137 and cools the high-temperature region 108 by transferring heat of the high-temperature region 108 to the motor cooling air passage 137.

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Citation (search report)
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