

Title (en)

Power tool and protector for power tool

Title (de)

Werkzeugmaschine und Schutzvorrichtung für Werkzeugmaschine

Title (fr)

Outil électrique et protecteur pour outil électrique

Publication

EP 2080594 B1 20130403 (EN)

Application

EP 08001011 A 20080121

Priority

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Abstract (en)

[origin: EP2080594A1] It is an object of the invention to provide a technique to further increase protection performance for a battery pack of power tool. A representative power tool (100) may include a tool body (101) to which a tool bit is coupled to perform a predetermined operation, a driving motor that is disposed within the tool body, a battery pack that supplies driving current to the driving motor, the battery pack (111) being removably mounted to the tool body (101) and placed on the outside of the tool body in an exposed state, and a protector (121) that is removably mounted to the tool body (101) to protect the battery pack (111). The protector (121) may include a battery pack protection area (123,125) that protects the battery pack (111) mounted to the tool body (101) when the protector (121) is mounted to the tool body (101). The battery pack protection area (123,125) is disposed on at least part of the outer surface of the battery pack (111) with a clearance and prevents transmission of external force upon the battery pack protection area (123,125) to the battery pack (111).

IPC 8 full level

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CPC (source: EP)

B25F 5/006 (2013.01); **B25F 5/02** (2013.01)

Cited by

EP3085499A1; EP3653344A1; EP3733352A1; EP3875223A1; US9224995B2; US10105832B2; WO2011110188A1; WO2011110187A1; WO2024104765A1; WO2020221471A1; WO2021175572A1

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