

Title (en)

TORQUE SENSING ARRANGEMENT OF POWER TOOL

Title (de)

DREHMOMENTERFASSUNGSANORDNUNG FÜR EIN ELEKTROWERKZEUG

Title (fr)

AGENCEMENT DE DÉTECTION DE COUPLE D'UN OUTIL ÉLECTRIQUE

Publication

**EP 4353418 A1 20240417 (EN)**

Application

**EP 22201613 A 20221014**

Priority

EP 22201613 A 20221014

Abstract (en)

A power tool includes a housing (10), a power device (20), a bearing set (30), a torque post (40) and a torque sensor (50). The housing (10) includes a main body (11) and a handle (12) perpendicularly connected to one side of the main body (11). The power device (20) is disposed in the main body (11) and includes a power body (21) and a bushing (22) adapted to sheathe the power body (21). The bearing set (30) is arranged between the bushing (22) and the housing (10). The power body (21) may rotate relative to the housing (10). The torque post (40) is disposed in the handle (12) and abuts against the bushing (22). The torque post (40) is arranged perpendicularly to the power body (21). The torque sensor (50) is disposed on the torque post (40).

IPC 8 full level

**B25F 5/00** (2006.01)

CPC (source: EP)

**B25B 21/00** (2013.01); **B25B 23/147** (2013.01); **B25F 5/00** (2013.01)

Citation (search report)

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- [A] US 7628219 B2 20091208 - FRAUHAMMER KARL [DE], et al
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Designated contracting state (EPC)

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