

Title (en)

Rotary power tool with a gearbox to motor interface that facilitates assembly

Title (de)

Drehkraftwerkzeug mit einer Schnittstelle zwischen dem Motor und dem Getriebe, die die Montage vereinfacht

Title (fr)

Outil électrique rotatif avec une interface entre le moteur et le réducteur, qui facilite l'assemblage

Publication

EP 2075094 B1 20110223 (EN)

Application

EP 07124144 A 20071228

Priority

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Abstract (en)

[origin: EP2075094A1] A rotary power tool (10) comprising an output shaft (14) having an axis of rotation (18), a motor (16), a gearbox (24), a first protrusion (82) that is offset from the axis of rotation (18) and protrudes from either one of the motor (16) or the gearbox (24), a first cavity (56) that is offset from the axis of rotation (18) and is within either one of the motor (16) or the gearbox (24), wherein the first protrusion (82) is substantially within the first cavity (56), and wherein the first cavity (56) is substantially complementary to the first protrusion (82) so that the motor (16) and gearbox (24) cannot substantially rotate relative to each other.

IPC 8 full level

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CPC (source: EP)

B25B 21/026 (2013.01); **B25F 5/001** (2013.01); **B25F 5/02** (2013.01)

Cited by

AU2012205232B2; EP2921264A1; US9950419B2; US10418879B2; US10052733B2; EP3792005A1; US11491616B2; US10668614B2; US11602832B2; US11685036B2; US11260517B2; US11707831B2; US9221112B2; US10615670B2; US11784538B2

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