

Title (en)

HANDHELD POWER TOOL AND MEANS FOR ABSORBING TORQUE REACTION FORCES FOR SUCH A POWER TOOL

Title (de)

HANDELEKTROWERKZEUG UND VORRICHTUNG ZUR AUFNAHME VON DREHMOMENTREAKTIONSKRÄFTEN FÜR EIN SOLCHES ELEKTROWERKZEUG

Title (fr)

OUTIL ÉLECTRIQUE PORTATIF ET MOYEN D'ABSORPTION DE FORCES DE RÉACTION DE COUPLE POUR UN TEL OUTIL ÉLECTRIQUE

Publication

**EP 3938145 A2 20220119 (EN)**

Application

**EP 20708445 A 20200220**

Priority

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- EP 2020054548 W 20200220

Abstract (en)

[origin: WO2020182441A2] Hand held power tool adapted to apply a torque to a bolt, comprising a rotatable input shaft, a housing comprising an end surface oriented normal to the input shaft and adapted to selectively bear against a surface of a work piece, a radially protruding element arranged on the input shaft and bearing against a shoulder formed in the housing such that an axial force may be transferred from the shaft to the housing, a socket adapted to engage a bolt protruding from the work piece such that a force may be exerted on the bolt by the socket, and a mechanism connecting the socket and the input shaft, wherein the mechanism is adapted to selectively provide a force pressing the end surface of the housing against the work piece surface when torque is applied to the bolt, wherein the axial force is proportional to the torque applied.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2020182441A2

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