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 B1 20231011 (EN)

Application

EP 20708445 A 20200220

Priority

- SE 1930084 A 20190311
- 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

B25B 21/00 (2006.01); **B25B 23/00** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)

B25B 21/00 (2013.01); **B25B 21/007** (2013.01); **B25B 23/00** (2013.01); **B25F 5/001** (2013.01)

Citation (examination)

- WO 2016176518 A2 20161103 - HYTORC DIVISION UNEX CORP [US]
- US 2012125163 A1 20120524 - MIYATA KATSUJI [JP]
- WO 2018031566 A1 20180215 - HYTORC DIVISION UNEX CORP [US]

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DOCDB simple family (publication)

WO 2020182441 A2 20200917; **WO 2020182441 A9 20210107**; EP 3938145 A2 20220119; EP 3938145 B1 20231011

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