

Title (en)

FRICTION BEARING BETWEEN ROTOR AND ANVIL IN AN IMPACT WRENCH

Title (de)

REIBLAGER ZWISCHEN LÄUFER UND AMBOSS IN EINEM SCHLAGSCHRAUBER

Title (fr)

PALIER À FRICTION ENTRE UN ROTOR ET UNE ENCLUME DANS UNE CLÉ À CHOCS

Publication

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Application

EP 15719676 A 20150427

Priority

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Abstract (en)

[origin: WO2016000843A1] The invention relates to an impact wrench (100) comprising: - a housing (110); - a motor-driven driveshaft (120); - an output shaft (130) for securing a tool, and - a percussion mechanism (140) which couples the driveshaft (120) to the output shaft (130) in order to transmit a torque. A first bearing torque is provided between the output shaft (130) and the housing (110), said bearing torque acting opposite the rotational direction of the output shaft (130), and a second bearing torque is provided by the percussion mechanism (140) between the output shaft (130) and the driveshaft (120) when the driveshaft (120) is not coupled to the output shaft (130), said bearing torque acting opposite the rotational direction of the drive shaft (120). The invention is characterized in that the first bearing torque is smaller than the second bearing torque.

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