Title (en)

ANGLE GRINDER HAVING AN ELECTROMOTIVE DIRECT DRIVE

Title (de)

WINKELSCHLEIFER MIT EINEM ELEKTROMOTORISCHEN DIREKTANTRIEB

Title (fr)

MEULEUSE D'ANGLE À ENTRAÎNEMENT DIRECT PAR MOTEUR ÉLECTRIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2015018557A1] The invention relates to a portable power tool (10), in particular an angle grinder, having at least one electromotive drive (18), in particular an electronically commutated motor (20), that acts on a drive shaft (30), said electronically commutated motor (20) being intended to drive a tool spindle (22). A first housing (12) consisting of at least one first housing half shell (13) has at least one first housing part (14) which accommodates the electromotive drive (18), and a second housing part (16) which acts as a handle (24). A rechargeable battery (26) acts as power source. It is proposed that a ratio of a diameter (d1) of the electromotive drive (18) to a diameter (d2) of the second housing part (16) is between 0.6 and 1.1, preferably between 0.7 and 0.8.

IPC 8 full level

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Citation (examination)

- WO 2010087235 A1 20100805 - HITACHI KOKI KK [JP], et al
- US 2011081847 A1 20110407 - YANG TAI-HER [TW]
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