

Title (en)

ELECTRIC PROCESSING TOOL HAVING AN ENERGY SUPPLY DEVICE

Title (de)

ELEKTRISCHES BEARBEITUNGSGERÄT MIT EINER ENERGIEVERSORGUNGSVORRICHTUNG

Title (fr)

OUTIL DE TRAITEMENT ÉLECTRIQUE DOTÉ D'UN DISPOSITIF D'ALIMENTATION EN ÉNERGIE

Publication

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Application

EP 20808045 A 20201113

Priority

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- EP 2020082035 W 20201113

Abstract (en)

[origin: WO2021121813A1] The invention relates to an electric processing tool, comprising an energy supply device (10) and an open-loop or closed-loop control unit (30), the energy supply device (10) having at least two energy sources (12, 14, 34) which are interconnected, each in a series circuit with an electronic component (18) for ORing the individual current (I1, I2, In) of the electronic component in question, to form a common star point (20), such that a resulting total current (IS) for supplying the electric processing tool (12) results. According to the invention, at least a subset of the energy sources (12, 14, 34), in particular each energy source (12, 14, 34), is assigned a current-measuring unit (26) for measuring the individual current (I1, I2, In) of the energy source (12, 14, 34) in question, the open-loop or closed-loop control unit (30) adapting the total current (IS) to the measured individual currents (I1, I2, In).

IPC 8 full level

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Citation (search report)

See references of WO 2021121813A1

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