

Title (en)
CHARGING DEVICE

Title (de)
LADEVORRICHTUNG

Title (fr)
DISPOSITIF DE CHARGE

Publication
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Application
EP 17731829 A 20170607

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Abstract (en)
[origin: WO2017215994A1] The invention relates to an inductive charging device (10a; 10b; 10c), in particular an inductive battery charging device, in particular for a hand-held power tool (12a), comprising at least one inverter unit (14a; 14b; 14c), which is provided for generating an alternating voltage from a DC supply voltage and has at least one alternating voltage output (16a; 16b; 16c) for providing the alternating voltage, and at least one charging inductor (18a; 8b; 18c) for wirelessly charging at least one energy store (20a). The inductive charging device comprises at least one transformer (22a; 22b; 22c) that has at least one primary inductor (24a; 24b; 24c), which is connected to the alternating voltage output (16a; 16b; 16c), and at least one secondary inductor (26a; 26b; 26c), which is connected to the charging inductor (18a; 18b; 18c) so as to maintain the voltage type.

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Citation (search report)
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