

Title (en)
HAND-HELD POWER TOOL

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL PORTATIVE

Publication
EP 3898117 A1 20211027 (DE)

Application
EP 19812801 A 20191204

Priority
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Abstract (en)
[origin: WO2020126499A1] The chisel-action hand-held power tool (1) according to the invention has a tool holder (2), an electric motor (8), a hammer mechanism (4) and an idle impact take-up (30). The tool holder (2) can receive a tool (3) and movably mount said tool on a work axis (7). The hammer mechanism (4) contains an actuator piston (13), a hammer (14), a snap hammer (15) and a guide (21) for said snap hammer. The actuator piston (13) is coupled to the electric motor. The guide (21) guides the snap hammer (15) on the work axis (7). The idle-impact take-up (30) for the snap hammer (15) has a conical inner surface (37) facing the snap hammer (15). The snap hammer (15) has a corresponding end face (31) pointing in the hammer direction (5). The end face (31) rests against the conical inner surface (37), when the snap hammer (15) is in its most advanced position in the hammer direction (5). The end face (31) of the snap hammer (15) has a first segment (33) and a second segment (34) around its periphery (32). The second segment (34) is offset relative to the first segment (33) in the hammer direction (5).

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