

Title (en)
PERCUSSIVE HANDHELD MACHINE TOOL

Title (de)
SCHLAGENDE HANDWERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL PORTATIVE A PERCUSSION

Publication
EP 3389934 A1 20181024 (DE)

Application
EP 16809722 A 20161206

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• EP 15200146 A 20151215
• EP 2016079894 W 20161206

Abstract (en)
[origin: WO2017102437A1] The invention relates to a striking hand-held machine tool (1) having a tool holder (2) for holding a striking tool (4) on a working shaft (3), an electric motor (8), and a striking mechanism (5). In the striking direction (6), the striking mechanism (5) has an exciter (13), a pneumatic chamber (16), a striker (14), an intermediate chamber (26) and a rivet snap (15) following one another. A closed channel (27) connects a first channel opening (30) in the pneumatic chamber (16) and a second channel opening (31) in the intermediate chamber (26). A non-return valve (29), which shuts off during an air flow from the first channel opening (30) to the second channel opening (31) and opens during an air flow from the second channel opening (31) to the first channel opening (30), is arranged in the channel (27). Arranged on the second channel opening (31) is a shut-off valve (28, 42), which is forced into a position closing the second channel opening (31) when the rivet snap (15) is in the working position.

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CPC (source: EP US)
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Citation (search report)
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