

Title (en)  
HAND-HELD POWER TOOL

Title (de)  
HANDWERKZEUGMASCHINE

Title (fr)  
MACHINE-OUTIL PORTATIVE

Publication  
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Application  
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Abstract (en)  
[origin: WO2018228829A1] The invention relates to a system comprising a first hand-held power tool (10) and a second hand-held power tool, each having a percussion mechanism (36), a motor (26), and a transmission (28), which comprises the striking mechanism and is designed to transfer a driving motion of the motor to an insert tool (30) held in a tool holder (12), each transmission having a guide tube (50) which is identical in some regions along a working axis (58), in which guide tube a striker (44) is mounted for axial movement, the guide tube being rotatably coupled to the motor by means of a first transmission unit (32) and the striker being drivable in a linearly oscillating manner by means of a piston (52) of a second transmission unit (34), a ratio between a diameter (14) of the tool holder and a diameter of the guide tube being 1.8 times greater in the first hand-held power tool than in the second hand-held power tool. An individual amount of striking energy of the second hand-held power tool is mechanically reduced in comparison with an individual amount of striking energy of the first hand-held power tool.

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