

Title (en)  
HAND-HELD POWER TOOL FOR IMPACTING DRIVEN TOOL ATTACHMENTS

Title (de)  
HANDWERKZEUGMASCHINE FÜR SCHLAGEND ANGETRIEBENE EINSATZWERKZEUGE

Title (fr)  
MACHINE-OUTIL PORTATIVE POUR OUTILS ENTRAÎNÉS EN FRAPPE

Publication  
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Application  
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Abstract (en)  
[origin: WO2009112100A1] The invention relates to a hand-held power tool for predominantly percussively driven tool attachments, in particular hammer drills and/or a chisel-action hammers, comprising a percussion axis (606) and an intermediate shaft (607) that is parallel to said percussion axis (606) and which comprises a first stroke generating device (613) comprising a stroke element for a percussion drive. Additionally, at least one additional second stroke generating device (623) comprising at least one second stroke element is provided for driving a counter oscillator that is arranged on or about the intermediate shaft (607) and can be driven by the intermediate shaft (607). A phase displacement  $\varphi$  that is different from zero and that is unequal to  $180^\circ$  takes place between a movement of the first stroke element and a movement of at least one second stroke element.

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