

Title (en)

MASS OSCILLATING UNIT FOR HAND-HELD MACHINE TOOLS WITH A STRIKING DEVICE

Title (de)

MASSENSCHWINGUNGSEINHEIT FÜR HANDWERKZEUGMASCHINEN MIT EINER SCHLAGWERKVORRICHTUNG

Title (fr)

UNITÉ À MASSES OSCILLANTES POUR DES MACHINES-OUTILS À MAIN POURVUES D'UN DISPOSITIF DE FRAPPE

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Application

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Abstract (en)

[origin: WO2008055743A1] The invention relates to a striking arrangement (12) for a hand-held machine tool with at least one mass oscillating unit (14), which is intended to generate a counterforce (16) to a force (18) resulting from the striking arrangement. The mass oscillating unit comprises at least one counter oscillating mass (20), which can be excited by means of a driven excitation means (38) counter to the driving direction (26) of the striking arrangement, and a spring element (22) supporting the counter oscillating mass, wherein the excitation means (24) is formed by an eccentric wheel (28a, 28b, 28c, 28d, 28e) or by a pneumatic means (30f). The counter oscillating mass (20) is preferably designed at least partially as a hammer tube (32e) and is provided with a safety mechanism in an idle position.

IPC 8 full level

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