

Title (en)

HAND MACHINE TOOL WITH A VIBRATION DAMPED ROUNDED HANDLE

Title (de)

HANDWERKZEUGMASCHINE MIT EINEM VIBRATIONSGEDÄMPFTEN BÜGELHANDGRIFF

Title (fr)

MACHINE-OUTIL MANUELLE DOTÉE D'UNE POIGNÉE EN FORME D'ÉTRIER À VIBRATIONS AMORTIES

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Application

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Abstract (en)

[origin: US2009025950A1] The invention relates to a hand machine tool (2), particularly a percussion drill and/or percussion hammer, comprising a housing (4) having two parallel appendages (20, 22), a hollow, U-shaped, rounded handle (10) with a yoke (24) and two parallel legs (26, 28), said handle being movably supported on springs in relation to the housing (4) for the purpose of damping vibration. The appendages (20, 22) of the housing (4) extend into both hollow legs (26, 28) of the rounded handle (10). The invention also comprises two coupling elements (34, 36) situated in the hollow yoke (24) of the rounded handle (10) which serve to synchronize the movements of both legs (26, 28). The external end faces of the coupling elements (34, 36) are flexibly connected to the appendages (20, 22). The coupling elements (34, 36) are connected on the other end faces thereof to the rounded handle (10), and cross each other, and are flexibly connected to each other at the crossing point.

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