

Title (en)

HAND TOOL HAVING A HOUSING CONFIGURED AS A HANDLE

Title (de)

HANDWERKZEUG MIT EINEM ALS GRIFFTEIL EINGERICHTETEN GEHÄUSE

Title (fr)

OUTIL À MAIN COMPRENANT UN BOÎTIER CONÇU COMME POIGNÉE

Publication

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Application

EP 11761376 A 20110927

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Abstract (en)

[origin: WO2012049017A1] The invention relates to a hand tool (10) having a housing (12) configured as a handle for handling and a rotor (32) rotatably mounted in the housing (12), coupled to a tool receptacle (14) in a rotationally fixed manner and configured to be driven by feeding in compressed air. The hand tool is characterized in that the hand tool (10) comprises at least two identical radial turbines (46, 48) disposed axially one after the other and on a part of the rotor (32), said rotor being located within the housing (12) configured as a handle and approximately in the center in the axial direction of the housing (12); the housing (12) is circular at a first end (15) facing the tool receptacle (14) and has a first, comparatively smaller diameter there; the housing is circular at a second end (20) opposite the tool receptacle (14), and comprises a second, comparatively larger diameter there; the housing tapers at first from the first end (15) thereof toward the second end (20), wherein the cross section thereof transitions from the circular shape into a first rounded triangular shape; the housing tapers at first from the second end (20) thereof toward the first end (15), wherein the cross section thereof transitions from the circular shape into a second rounded triangular shape, the cross-sectional area thereof being at first slightly greater and then continuously lesser toward the first end (15), in order to penetrate through the surface formed by the first triangular shape further toward the first end (15); and the first triangular shape is rotated relative to the second triangular shape by 60°.

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