

Title (en)

HAND-HELD MACHINE TOOL DRIVEN BY A FLOW MEDIUM

Title (de)

STRÖMUNGSMITTELGETRIEBENE HANDWERKZEUGMASCHINE

Title (fr)

MACHINE-OUTIL PORTATIVE ACTIONNÉE PAR UN AGENT D'ÉCOULEMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006058813A1] The invention relates to a hand-held machine tool comprising a housing (12) and a tool (70) which is arranged thereon in a rotating manner and/or in such a way that it can be driven in an oscillatory manner. Said tool can be operated, in accordance with requirements, by an intake air flow, especially with a vacuum cleaner. The aim of the invention is to render one such machine-tool especially effective. To this end, a turbine (36) comprising a turbine wheel (38) is used as a drive, said turbine wheel being provided with means for settling inflowing or outflowing air, especially an inlet grating (74) and/or an outlet grating. The turbine wheel (38) is sealed from the turbine housing (60) by a labyrinth seal (51), said housing protecting the turbine (36) from loss of pressure.

IPC 8 full level

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