

Title (en)
PORTABLE POWER TOOL

Title (de)
HANDWERKZEUGMASCHINE

Title (fr)
MACHINE-OUTIL A MAIN

Publication
EP 1912761 A1 20080423 (DE)

Application
EP 06763982 A 20060630

Priority
• EP 2006063725 W 20060630
• DE 102005036195 A 20050802

Abstract (en)
[origin: WO2007014813A1] A portable power tool having a housing (12) and a tool (70), in particular a cutting tool, which is arranged thereon in such a way that it can be driven in a rotary and/or oscillating manner and which can be operated as prescribed by means of a suction-air flow, in particular with a dust extractor, is made especially robust and insensitive to clogging by chips by virtue of the fact that a turbine (36) having a rotatable turbine wheel (38) and a fixed turbine casing (60) serves as drive, wherein means (101) for the frictionless discharge/ejection of dust and chips that have entered the power tool inadvertently are arranged between the turbine wheel (38) and the turbine casing (60).

IPC 8 full level
B24B 55/10 (2006.01); **B24B 23/02** (2006.01)

CPC (source: EP US)
B24B 23/02 (2013.01 - EP US); **B24B 55/102** (2013.01 - EP US)

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