

Title (en)  
Power-driven tool for machining surfaces

Title (de)  
Handwerkzeugmaschine

Title (fr)  
Outil motorisé portatif

Publication  
**EP 1142670 A1 20011010 (EN)**

Application  
**EP 01201178 A 20010329**

Priority  
IT MI20000755 A 20000407

Abstract (en)  
A power-driven tool for machining surfaces is described, comprising an external frame (3), driving mechanisms (4) housed inside said frame (3) and driven by a driving shaft (6), an operating wheel (5) that is made orbit around the axis of said driving shaft (6) by said driving mechanisms (4), a flexible annular cover (13) interposed between operating wheel (5) and said frame (3) for the collection of machining powders and sucking means (21, 22) for the machining powders comprising a sucking mouth (21) that opens inside said cover (13). A dividing disc (15) is fastened to the frame (3) and interposed between said driving mechanisms (4) and said operating wheel (5) in order to subdivide the space above said operating wheel (5) into a lower chamber (16) communicating with said sucking mouth (21) through first holes (20) of the dividing disc (15) and into an upper chamber (17) communicating with said lower chamber (16) through second holes (19) of said dividing disc (15). <IMAGE>

IPC 1-7  
**B24B 23/03**; **B24B 55/10**

IPC 8 full level  
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CPC (source: EP)  
**B24B 23/03** (2013.01); **B24B 55/10** (2013.01)

Citation (search report)  
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**EP 1142670 A1 20011010**; **EP 1142670 B1 20060802**; AT E334783 T1 20060815; DE 60121847 D1 20060914; DE 60121847 T2 20070208; ES 2269294 T3 20070401; IT 1317189 B1 20030527; IT MI20000755 A0 20000407; IT MI20000755 A1 20011007

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