

Title (en)  
Oscillatory powered hand tool

Title (de)  
Hand-Oszillationsmaschine

Title (fr)  
Outil motorisé vibrant portable

Publication  
**EP 0711636 B1 19980415 (DE)**

Application  
**EP 95117523 A 19951107**

Priority  
• DE 9417859 U 19941108  
• DE 19531270 A 19950824

Abstract (en)  
[origin: US5842278A] A hand-held oscillation machine having, at its front end, an attachment neck for tools. A component such as a flattened hexagon projection and a radial screw, is provided at the rear flat side of the neck for receiving and attaching special tools so as to be fixed with respect to rotation relative thereto. An oscillating body/intermediate holder is arranged between the attachment neck and a tool. This provides the advantage that all grinding tools and cutting tools for hand drills can be attached in the intermediate holder and can accordingly be used, and the sturdy, heavy design of the intermediate holder increases the oscillating energy so that greater pressure can be exerted on the workpiece to be machined, which enables faster machining.

IPC 1-7  
**B25F 3/00**

IPC 8 full level  
**B24B 23/04** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)  
**B24B 23/04** (2013.01 - EP US); **B25F 5/00** (2013.01 - EP US)

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**US 5842278 A 19981201**; AT E165037 T1 19980515; EP 0711636 A1 19960515; EP 0711636 B1 19980415

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**US 55563795 A 19951108**; AT 95117523 T 19951107; EP 95117523 A 19951107