

Title (en)  
Motor-driven handtool

Title (de)  
Motorbetriebenes Handwerkzeug

Title (fr)  
Outil manuel motorisé

Publication  
**EP 0791435 A1 19970827 (DE)**

Application  
**EP 96119429 A 19961204**

Priority  
DE 19606535 A 19960222

Abstract (en)

The removable handle (14) has a movable, especially rotary fixture element (22) positioned near the handling part of the handle. The fixture element may be a screw in the handle with a manually gripped and operated head (38). The handle can have a cavity opening into its grip surface (26,28) and in which the fixture is manually operated. The fixture may protrude out of the cavity beyond the grip surface. The handle may have an ergonomically shaped knob, whilst a recess (34) may be built as an opening (30,32) from one side of the gripping surface (26,28) to the other.

Abstract (de)

Die Erfindung betrifft ein motorbetriebenes Handwerkzeug (2), wie z.B. ein Exzenterschleifer, Winkelschleifer oder Sander, mit einem abnehmbaren Handgriff (14), das im Hinblick auf eine einfachere Handhabbarkeit dadurch verbessert wird, daß der Handgriff (14) ein im Handhabungsbereich des Handgriffs angeordnetes und zum manuellen Montieren bzw. Lösen des Handgriffs gegenüber diesem bewegbares, insbesondere drehbares Befestigungselement (22) aufweist. <IMAGE>

IPC 1-7  
**B25F 5/02; B24B 23/00**

IPC 8 full level  
**B24B 23/00** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)  
**B24B 23/005** (2013.01 - EP US); **B25F 5/026** (2013.01 - EP US)

Citation (applicant)  
DE 4203171 C1 19930609

Citation (search report)

- [X] DE 9304887 U1 19930805
- [YA] US 5074081 A 19911224 - BETH DAVID E [US], et al
- [YA] FR 2695054 A1 19940304 - DIEU ANDRE [FR]
- [A] WO 9321751 A1 19931111 - POETKER PHILIP J [CA]
- [A] DE 19508035 A1 19951012 - HITACHI KOKI KK [JP]
- [AD] DE 4203171 C1 19930609
- [A] US 5049012 A 19910917 - CAVEDO ROBERT P [US]
- [A] DE 4132058 A1 19930401 - HILTI AG [LI]

Cited by  
EP0936033A3; SG84518A1; DE102006023039B3

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