

Title (en)  
Manually operated work device

Title (de)  
Handgeführtes Arbeitsgerät

Title (fr)  
Appareil de travail manuel

Publication  
**EP 2415570 A3 20120912 (DE)**

Application  
**EP 11006366 A 20110803**

Priority  
DE 102010033489 A 20100805

Abstract (en)  
[origin: EP2415570A2] The hand-held power tool has a drive motor (26) which drives tool via a drive shaft (25). The drive shaft is connected to a brake drum (8) and an oil pump (15) through a worm gear (20). The worm gear Das Arbeitsgerdt besitzt eine drehfest mit der Antriebswelle (25) verbundene Bremsstrommel (8) sowie eine Vlpumpe (15), die von der Antriebswelle (25) ber ein Antriebsschneckenrad (20) angetrieben ist.is extended to bottom of a cup shaped component (31). The edge (30) of the cup shaped component is connected with brake drum.

IPC 8 full level  
**B27B 17/08** (2006.01)

CPC (source: EP US)  
**B27B 17/12** (2013.01 - EP US)

Citation (search report)

- [E] WO 2011098097 A1 20110818 - HUSQVARNA AB [SE], et al
- [A] US 4353163 A 19821012 - OVERBURY DOUGLAS G, et al
- [A] DE 19650539 A1 19970612 - KIORITZ CORP [JP]

Cited by  
EP2666603A1; JP2013241010A; RU2623620C2; EP2418055B1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2415570 A2 20120208; EP 2415570 A3 20120912; EP 2415570 B1 20151223**; CN 102371395 A 20120314; CN 102371395 B 20151216; DE 102010033489 A1 20120209; US 2012030954 A1 20120209; US 8904651 B2 20141209

DOCDB simple family (application)  
**EP 11006366 A 20110803**; CN 201110230285 A 20110805; DE 102010033489 A 20100805; US 201113198272 A 20110804