

Title (en)  
Screwdriving tool with axially working hammering mechanism

Title (de)  
Schraubgerät mit axial wirkendem Schlagmechanismus

Title (fr)  
Outil de serrage avec mécanisme d'impact axial

Publication  
**EP 1632313 A1 20060308 (DE)**

Application  
**EP 05108160 A 20050906**

Priority  
DE 102004042952 A 20040906

Abstract (en)  
The power screwdriver (2) has a housing (4), a hollow spindle (8) driven by a motor (26), a screwing-in spindle (6) and a clutch (30). Is also has a hammer mechanism (14) to apply pulses of axial force to the screwing-in spindle. The clutch can be locked in the engaged position, to which it is brought by the clutch springs (40, 44).

IPC 8 full level  
**B25B 21/02** (2006.01)

CPC (source: EP US)  
**B25B 21/023** (2013.01 - EP US)

Citation (applicant)  
DE 10032949 A1 20020117 - HILTI AG [LI]

Citation (search report)  

- [DA] DE 10032949 A1 20020117 - HILTI AG [LI]
- [A] US 6035945 A 20000314 - ICHIYOU TOSHIHIRO [JP], et al
- [A] US 6109149 A 20000829 - NEUMAIER ANTON [DE]
- [A] DE 3804414 A1 19890824 - HILTI AG [LI]

Cited by  
CN105666427A; US10940580B2

Designated contracting state (EPC)  
CH DE FR IT LI

DOCDB simple family (publication)  
**EP 1632313 A1 20060308; EP 1632313 B1 20080326**; DE 102004042952 A1 20060323; DE 502005003428 D1 20080508; US 2006048956 A1 20060309; US 8499850 B2 20130806

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**EP 05108160 A 20050906**; DE 102004042952 A 20040906; DE 502005003428 T 20050906; US 22075005 A 20050906