

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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