

Title (en)
Hand tool with electrical percussion system

Title (de)
Schlagendes Elektrohandwerkzeuggerät

Title (fr)
Outil à main à percussion électrique

Publication
EP 1151827 B1 20070725 (DE)

Application
EP 01810391 A 20010423

Priority
DE 10021355 A 20000502

Abstract (en)
[origin: EP1151827A1] The tool has a first unit containing an impact mechanism (2) that is mounted in a second unit with a housing so as to be movable along a tool axis (A) to a limited extent. The first unit has an electric drive with a rotor (5) rotatable about a rotor axis oriented parallel to a vibration direction of the first unit. The first unit contains a transformation gearbox and the second unit contains at least a stator (and) of the electric drive.

IPC 8 full level
B25D 16/00 (2006.01); **B23B 45/16** (2006.01); **B25D 11/12** (2006.01); **B25D 17/24** (2006.01)

CPC (source: EP US)
B25D 11/125 (2013.01 - EP US); **B25D 17/24** (2013.01 - EP US); **B25D 2211/006** (2013.01 - EP US); **B25D 2250/121** (2013.01 - EP US); **B25D 2250/195** (2013.01 - EP US)

Cited by
EP3213876A4; EP1862266A3; US10513022B2

Designated contracting state (EPC)
CH DE FR GB LI NL SE

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EP 1151827 A1 20011107; EP 1151827 B1 20070725; CN 100439043 C 20081203; CN 1321567 A 20011114; DE 10021355 A1 20011115; DE 10021355 B4 20050428; DE 50112753 D1 20070906; JP 2001353668 A 20011225; JP 4778630 B2 20110921; US 2001037889 A1 20011108; US 6902012 B2 20050607

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EP 01810391 A 20010423; CN 01117108 A 20010423; DE 10021355 A 20000502; DE 50112753 T 20010423; JP 2001134168 A 20010501; US 84693101 A 20010501