

Title (en)

Hand tool with a wobble drive

Title (de)

Handwerkzeuggerät mit Taumeleinrichtung

Title (fr)

Outil portatif avec entraînement à basculement

Publication

EP 1716980 B1 20090311 (DE)

Application

EP 06112544 A 20060412

Priority

DE 102005019196 A 20050425

Abstract (en)

[origin: EP1716980A1] Hand tool (2) comprises a wobble device (20) having a drive element (22) rotating about a drive axle (A) and a driven element (26) coupled with the drive element via a wobble bearing (30). The wobble bearing has a reinforcement opposite a second side of a bearing region on one of the bearing regions on a first side. Preferred Features: The reinforcement is formed by a peripheral enlargement of the bearing region on the first side opposite the second side. The bearing region on the driven side is cylindrical on the first side and on the second side.

IPC 8 full level

B25F 5/00 (2006.01); **B25D 11/06** (2006.01)

CPC (source: EP US)

B25D 11/062 (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B25D 2250/335** (2013.01 - EP US); **Y10T 74/18296** (2015.01 - EP US)

Cited by

US10670072B2; WO2010118849A1; WO2009049843A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1716980 A1 20061102; **EP 1716980 B1 20090311**; CN 1853866 A 20061101; CN 1853866 B 20110824; DE 102005019196 A1 20061026; DE 502006003052 D1 20090423; JP 2006305724 A 20061109; US 2006266139 A1 20061130; US 7404451 B2 20080729

DOCDB simple family (application)

EP 06112544 A 20060412; CN 200610075560 A 20060420; DE 102005019196 A 20050425; DE 502006003052 T 20060412; JP 2006119307 A 20060424; US 41080406 A 20060424