

Title (en)

Motor driven hand tool with a rapid clamping device

Title (de)

Werkzeuggerät mit Schnellspaneinrichtung

Title (fr)

Outil à main électrique avec dispositif d'accouplement rapide

Publication

EP 1790434 B1 20080319 (DE)

Application

EP 05025876 A 20051128

Priority

EP 05025876 A 20051128

Abstract (en)

[origin: EP1790434A1] The device has a quick clamping device (2), a hollow shaft (14) with a bolt (18) extending in the longitudinal direction of the shaft and a window-like opening (28), in which a clamp body (30) is arranged. A tool is clamped between clamping surfaces. The clamp body is attached against the bolt and against a spring-loaded inclined plane (34) so that the bolt is clamped by the clamp body as a result of the spring loading of the inclined plane and is held in the hollow shaft.

IPC 8 full level

B24B 23/02 (2006.01); **B24B 45/00** (2006.01)

CPC (source: EP)

B24B 23/022 (2013.01); **B24B 45/006** (2013.01)

Cited by

US2020230776A1; US11865667B2; US2016045998A1; US9764444B2; US2016221088A1; US10058926B2; GB2486293A; CN102528768A; GB2486293B; EP2371487A1; US11045939B2; US11590593B2; US11660690B2; US11772171B2; CN109862998A; KR20190071711A; JP2019533581A; RU2752491C2; US2015042052A1; US9545699B2; CN109843486A; KR20190071709A; JP2019534798A; RU2748674C2; WO2012089642A3; WO2013065614A1; WO2018072997A1; US11364545B2; US10144110B2; US11890720B2; WO2018072995A1

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