

Title (en)

HAND TOOL MACHINE WITH A TORQUE LIMITER

Title (de)

HANDWERKZEUGMASCHINE MIT EINER DREHMOMENTBEGRENZUNGSEINHEIT

Title (fr)

MACHINE-OUTIL PORTATIVE COMPORTANT UNE UNITE DE LIMITATION DE COUPLE

Publication

**EP 1824643 B1 20120725 (DE)**

Application

**EP 05796977 A 20051019**

Priority

- EP 2005055369 W 20051019
- DE 102004058809 A 20041207

Abstract (en)

[origin: WO2006061286A1] The invention relates to a hand tool machine with a torque limiter (2) enabling a user to set a maximum torque which is transmitted by a motor drive (4) to a tool carrier (6). According to the invention, the hand tool machine comprises an overload clutch which interrupts a power flux between the motor drive (4) and the tool carrier (6) when the transmitted torque exceeds the overload torque.

IPC 8 full level

**B25B 21/00** (2006.01); **B25B 23/14** (2006.01)

CPC (source: EP US)

**B25B 21/00** (2013.01 - EP US); **B25B 23/14** (2013.01 - EP US); **B25B 23/141** (2013.01 - EP US)

Cited by

US9550289B2; EP2745988A1

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

**DE 102004058809 A1 20060608**; CN 100586660 C 20100203; CN 101090806 A 20071219; CN 101758476 A 20100630; EP 1824643 A1 20070829; EP 1824643 B1 20120725; US 2009020301 A1 20090122; US 8104546 B2 20120131; WO 2006061286 A1 20060615

DOCDB simple family (application)

**DE 102004058809 A 20041207**; CN 200580041965 A 20051019; CN 200910254184 A 20051019; EP 05796977 A 20051019; EP 2005055369 W 20051019; US 57411805 A 20051019