

Title (en)
Machine tool with intermittent angular momentum

Title (de)
Werkzeugmaschine mit intermittierendem Drehimpuls

Title (fr)
Machine-outil avec impulsion intermittente

Publication
EP 1621290 A1 20060201 (DE)

Application
EP 05106953 A 20050728

Priority
DE 102004037072 A 20040730

Abstract (en)
The power tool (2) has a drive spindle (10) driven by a motor (6), a tool spindle (14) driving a tool bit (18), which can be coupled to the drive spindle and is fixed to the tool receiver (16). A braking force creator (20), acting on the tool spindle to produce a force directed against the direction of rotation (D) is fitted to the tool spindle.

IPC 8 full level
B25B 21/02 (2006.01)

CPC (source: EP)
B25B 21/02 (2013.01)

Citation (applicant)
• DE 4328599 A1 19940303 - MAKITA CORP [JP]
• DE 4344849 A1 19950706 - FEIN C & E [DE]

Citation (search report)
• [DXY] DE 4328599 A1 19940303 - MAKITA CORP [JP]
• [Y] US 2947283 A 19600802 - ROGGENBURK EARL G
• [YA] EP 1182010 A1 20020227 - STARIKOV IVAN VASILIEVICH [RU], et al
• [A] GB 1407277 A 19750924 - MAURER S B

Cited by
US7806198B2; USRE46827E; US8794348B2; US9193053B2; US10513021B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 1621290 A1 20060201; EP 1621290 B1 20090311; DE 102004037072 B3 20060112; DE 502005006791 D1 20090423;
JP 2006043877 A 20060216

DOCDB simple family (application)
EP 05106953 A 20050728; DE 102004037072 A 20040730; DE 502005006791 T 20050728; JP 2005222772 A 20050801