

Title (en)

HAND-HELD GRINDER

Title (de)

SCHLEIFHANDWERKZEUGMASCHINE

Title (fr)

MACHINE-OUTIL À PONCER MANUELLE

Publication

EP 2029323 B1 20170614 (DE)

Application

EP 07727674 A 20070403

Priority

- EP 2007053203 W 20070403
- DE 102006025862 A 20060602
- DE 102006034078 A 20060724

Abstract (en)

[origin: WO2007141065A1] The invention emanates from a hand-held grinder, in particular an orbital grinder, with at least one handle (10) in or on a housing part (19) and with a drive unit (12) to drive a grinding disc (14) in or on a disc-shaped tool carrier (13) in a housing (11), wherein the grinding disc (14) is on a grinding disc plane (16) and the direction of force (17) is perpendicular to the plane (16) of the grinding disc. The invention proposes that the handle (10) is connected to the housing (11) through at least one vibration decoupling element (18, 71). The invention also relates to a vibration decoupling device of a hand-held grinder.

IPC 8 full level

B24B 23/00 (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP US)

B24B 23/00 (2013.01 - EP US); **B25F 5/006** (2013.01 - EP US)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

DE 102006034078 A1 20071206; CN 101460283 A 20090617; CN 101460283 B 20140625; EP 2029323 A1 20090304; EP 2029323 B1 20170614; RU 2008151048 A 20100720; RU 2458774 C2 20120820; US 2010167632 A1 20100701; US 8038513 B2 20111018; WO 2007141065 A1 20071213

DOCDB simple family (application)

DE 102006034078 A 20060724; CN 200780020443 A 20070403; EP 07727674 A 20070403; EP 2007053203 W 20070403; RU 2008151048 A 20070403; US 6345507 A 20070403