Title (en)

Hand guided sanding device

Title (de)

Handgeführtes Schleifgerät

Title (fr)

Ponçeuse à guidage manuel

Publication

EP 1116551 B1 20050323 (DE)

Application

EP 00811160 A 20001207

Priority

DE 29922108 U 19991216

Abstract (en)

[origin: US2001004580A1] A hand-guided grinding device (1) carries out a planar grinding motion and is mounted on a motor-driven grinding disk (2). The grinding disk (2) is mounted on a shaft, extending outwardly from a central housing (4) of the device, located axially above the grinding disk (2) and serving to accommodate a transmission unit and a motor. The grinding device (1) has a main handle (6) and an additional handle (8) for the two-handed operation of the device (1), and the handles (6, 8) project essentially laterally from the central housing (4) of the device at two mutually opposite sides of the central housing (4) of the device. The central housing (4) of the device has a housing section (9), which axially adjoins the grinding disk (2), and projects laterally outwardly from the central housing (4) of the device at least in certain regions and is equipped with a gripping surface (10) for one-handed operation.

IPC 1-7

B24B 23/03; B25F 5/02

IPC 8 full level

B24B 23/02 (2006.01); **B24B 23/03** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)

B24B 23/02 (2013.01 - EP US); **B25F 5/02** (2013.01 - EP US)

Cited by

DE10344164A1; DE102004057613A1

Designated contracting state (EPC)

CH DE LI SE

DOCDB simple family (publication)

DE 29922108 U1 20000217; DE 50009856 D1 20050428; EP 1116551 A2 20010718; EP 1116551 A3 20030924; EP 1116551 B1 20050323; EP 1116551 B8 20060405; JP 2001191243 A 20010717; US 2001004580 A1 20010621; US 6699111 B2 20040302

DOCDB simple family (application)

DE 29922108 U 19991216; DE 50009856 T 20001207; EP 00811160 A 20001207; JP 2000383739 A 20001218; US 73534800 A 20001212