

Title (en)

Grinding disc with quick mount-and-release mechanism and disc grinder with such a grinding disc

Title (de)

Schleifteller mit Schnellspanneinrichtung sowie Tellerschleifer mit einem solchen Schleifteller& x9;

Title (fr)

Disque de ponçage avec dispositif de fermeture et de blocage rapide et ponceuse à disque avec une telle disque

Publication

**EP 1795301 B1 20090311 (DE)**

Application

**EP 06023804 A 20061116**

Priority

DE 102005060514 A 20051212

Abstract (en)

[origin: EP1795301A1] The grinder has a retaining device (7) that is provided for detachable fastening of a grinding disk (8) and effecting a rotary movement of the grinder during operation. The grinding disk is detachably fastened to the retaining device using plugging/swiveling connection device according to the type of bayonet connection. The retaining device has a part (9) with a protrusion (16) that projects outside in a radial direction and is arranged in the circumferential direction. The projection has an annular surface (17) lying in an axial direction from the grinding disk.

IPC 8 full level

**B24B 23/02** (2006.01); **B24B 45/00** (2006.01); **B24D 7/16** (2006.01)

CPC (source: EP)

**B24B 23/02** (2013.01); **B24B 45/006** (2013.01); **B24D 7/16** (2013.01)

Citation (examination)

DE 10131326 A1 20030116 - BOSCH GMBH ROBERT [DE]

Cited by

FR3126193A1; US11565370B2; ITUA20161640A1; CN104070506A; CN102814790A; CN114274044A; CN102814793A; CN115781516A; DE202010010653U1; US2021040970A1; JP2021518278A; EP2050539A1; EP3216561A1; US11346401B2; WO2017207007A1; WO2019179964A1

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