

Title (en)
GRINDING MACHINE

Title (de)
SCHLEIFMASCHINE

Title (fr)
AFFÛTEUSE

Publication
EP 3398717 B1 20220608 (DE)

Application
EP 18168887 A 20180424

Priority
DE 102017004237 A 20170502

Abstract (en)
[origin: US2018318981A1] A grinding machine including an electric drive with a drive wheel, wherein the drive is arranged at a base unit of the grinding machine, a grinding spindle unit arranged removable at the base unit and which includes a grinding tool and a gear element which transmits the rotational movement of the drive wheel to the grinding tool. To facilitate the change of the grinding arm the gear element includes: a driver which is supported in the grinding spindle unit and which is directly or indirectly in rotary union with the grinding tool, two guide wheels which are supported in the grinding spindle unit and a belt which is guided around the driver and the guide wheels, wherein in the mounted state of the grinding spindle unit at the base unit the drive wheel contacts the belt between the two guide wheels and hereby drives the same.

IPC 8 full level
B24B 47/12 (2006.01); **B23Q 5/04** (2006.01)

CPC (source: CN EP US)
B24B 47/00 (2013.01 - CN); **B24B 47/10** (2013.01 - US); **B24B 47/12** (2013.01 - EP US); **B24B 55/00** (2013.01 - CN)

Cited by
CN114346858A

Designated contracting state (EPC)
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DOCDB simple family (publication)
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CN 108789150 B 20220111; DE 102017004237 A1 20181108; DE 102017004237 B4 20181115; JP 2018187762 A 20181129;
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