

Title (en)

GRINDING WHEEL

Publication

EP 0321970 A3 19900530 (DE)

Application

EP 88121444 A 19881222

Priority

- DE 3743810 A 19871223
- DE 3823591 A 19880712

Abstract (en)

[origin: JPH01216775A] PURPOSE: To accurately center a body against a flange by keeping the body in free contact with a circumferential surface with an n-cornered polygonal cross sectional shape formed on the flange via elements projecting radially inwardly, and setting the elements rotatable relative to the circumferential surface in the circumferential direction. CONSTITUTION: A flange 20 for holding a disk-shaped body 12 equipped with a peripheral processing surface consisting of a grinding material rim is provided with a mounting opening 22 for a holding arbor of a grinding machine. The flange 20 is provided with a circumferential surface 34 with an n-cornered polygonal cross sectional shape in a radial plane. The body 12 of the grinding wheel is kept in contact with the circumferential surface 34 of the flange 20 via elements 32 rotatable relative to the circumferential surface 34 in the circumferential direction, thereby the body 12 can be simply and accurately centered against the flange 20.

IPC 1-7

B24D 5/16

IPC 8 full level

B24D 5/00 (2006.01); **B24D 5/16** (2006.01)

CPC (source: EP US)

B24D 5/16 (2013.01 - EP US)

Citation (search report)

- [A] DE 3405556 C1 19850905 - JUNKER ERWIN
- [A] US 2675653 A 19540420
- [A] US 2841929 A 19580708 - CARL STELMACHOWSKI

Cited by

GB2285846B; EP0849042A1; WO9519870A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0321970 A2 19890628; EP 0321970 A3 19900530; EP 0321970 B1 19920429; DE 3823591 A1 19890706; DE 3823591 C2 19910613; DE 3870598 D1 19920604; JP H01216775 A 19890830; US 4907375 A 19900313

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