

Title (en)

DRESSING ROLL AND ITS MANUFACTURING METHOD

Publication

EP 0321969 B1 19920311 (DE)

Application

EP 88121443 A 19881222

Priority

- DE 3743813 A 19871223
- DE 3811783 A 19880408

Abstract (en)

[origin: JPH01216773A] PURPOSE: To flatly dress a grinding wheel and to avoid the production of spiral- shaped dressing grooves in the grinding wheel surface by obliquely projecting diamond needles from the circumferential surfaces, and overlapping their free ends in the circumferential direction. CONSTITUTION: Pocket-shaped recesses are provided on the circumferential surfaces 12, 13 of a dressing roll, the lower ends of diamond needles 15a-15h, 16a-16h are inserted into the recesses, the diamond needles 15a-15h, 16a-16h are fixed by an embedding compound in the obliquely projected state from the circumferential surfaces 12, 13, and the free ends 17, 18 of the diamond needles 15a-15h, 16a-16h are overlapped each other in the circumferential direction. A grinding wheel can be flatly and completely dressed by the dressing roll, and the production of spiral-shaped dressing grooves in the grinding wheel surface can be completely avoided.

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B24B 53/14; B24D 18/00

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CPC (source: EP US)

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