

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.

IPC 1-7
B24B 53/14; B24D 18/00

IPC 8 full level
B24B 53/14 (2006.01); **B24D 18/00** (2006.01)

CPC (source: EP US)
B24B 53/14 (2013.01 - EP US); **B24D 18/00** (2013.01 - EP US)

Cited by
EP0426173A3; EP0558869A1

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0321969 A2 19890628; EP 0321969 A3 19900613; EP 0321969 B1 19920311; DE 3811783 C1 19890914; DE 3869096 D1 19920416; JP H01216773 A 19890830; US 4892082 A 19900109

DOCDB simple family (application)
EP 88121443 A 19881222; DE 3811783 A 19880408; DE 3869096 T 19881222; JP 31971688 A 19881220; US 28801688 A 19881220