

Title (en)

DEVICE FOR ABRASIVE MACHINING OF CYLINDRICAL BEARING SURFACES OF WORKPIECES, IN PARTICULAR FOR BELT GRINDING OF CRANKSHAFT JOURNALS AND PINS

Publication

EP 0366506 B1 19920617 (FR)

Application

EP 89402555 A 19890919

Priority

FR 8812622 A 19880927

Abstract (en)

[origin: EP0366506A1] The device comprises, for the machining of each bearing surface (2, 3) of the workpiece (1), three blocks (13, 16a, 16b) for applying abrasive, one of which is mounted in a fixed position on the arm (7) and the two others are mounted on two jaws (14a, 14b) articulated on the arm (7), such that when the two jaws (14a, 14b) are tightened, after the arm (7) has been lowered onto the bearing surface to be machined, the three blocks (13, 16a, 16b) are arranged at the corners of an equilateral triangle and exert a uniform and controllable pressure on the workpiece (1).
<IMAGE>

IPC 1-7

B24B 5/00; **B24B 21/00**

IPC 8 full level

B24B 5/42 (2006.01); **B24B 21/00** (2006.01)

CPC (source: EP US)

B24B 5/42 (2013.01 - EP US); **B24B 21/004** (2013.01 - EP US)

Cited by

EP2324955A1; US5755615A; CN107953209A; DE19602974A1; EP0680806A1; FR2719516A1; US5651719A; EP1022092A1; EP0733437A1; US5865669A; EP0950467A3; FR2702693A1; EP0624431A1; US5522762A; FR2952845A1; US6383063B1

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