

Title (en)

MACHINE FOR THE SUPERFINISHING OF SHAFTS, PARTICULARLY CAMSHAFTS

Publication

EP 0434533 B1 19930915 (FR)

Application

EP 90403620 A 19901217

Priority

FR 8916826 A 19891219

Abstract (en)

[origin: EP0434533A1] Machine for the super finishing by sanding of shaft bearing surfaces, especially cams or cams and camshaft journals, the shafts being retained between centres and being driven in a rotational movement about their axis. The machine comprises a plurality of arms (8) mounted on two axles (9a, 9b) of the same support (5), so as to be capable of pivoting in parallel planes perpendicular to the axis of the shaft (3) to be machined, a plurality of predetermined-force operating means (22), each acting on one of said arms, a plurality of abrasive bands (11), and a plurality of abrasive-band application means (14) associated with said arms, in such a way that each arm can pivot in the direction of the shaft under the action of its operating means and press an abrasive band with predetermined pressure against one of the shaft bearing surfaces (4) to be machined. <IMAGE>

IPC 1-7

B24B 19/12; B24B 21/18

IPC 8 full level

B24B 19/12 (2006.01); **B24B 21/18** (2006.01)

CPC (source: EP)

B24B 19/12 (2013.01); **B24B 21/18** (2013.01)

Cited by

US5755615A; FR2709084A1; EP0704280A1; FR2724862A1; EP1022092A1; EP0733437A1; US5865669A; CN1095727C; EP0950467A3; US6383063B1

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