

Title (en)  
BURNISHING TOOL

Publication  
**EP 0253908 B1 19900502 (DE)**

Application  
**EP 86109931 A 19860719**

Priority  
EP 86109931 A 19860719

Abstract (en)  
[origin: US4782682A] A rolling mill tool for smooth rolling slightly convexly or concavely curved surfaces of rotationally symmetric work pieces, such as bearing journals of crankshafts, has a milling roller with a slender and hence flexing configuration for conforming the shape of the milling roller to the curved shape of the work piece surface. Such a milling roller achieves a satisfactory rolling force or load distribution. The rolling force which is applied to the milling roller by a support roller is sufficient to flex the milling roller along its lengthwise axis to assume the shape of the contour of the work piece.

IPC 1-7  
**B24B 39/04**

IPC 8 full level  
**B21H 1/00** (2006.01); **B21H 1/18** (2006.01); **B21J 9/02** (2006.01); **B24B 39/04** (2006.01)

CPC (source: EP US)  
**B24B 39/04** (2013.01 - EP US)

Cited by  
CN105722642A

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DE FR GB IT

DOCDB simple family (publication)  
**EP 0253908 A1 19880127**; **EP 0253908 B1 19900502**; DE 3670786 D1 19900607; JP H0238052 B2 19900828; JP S6330138 A 19880208; US 4782682 A 19881108

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**EP 86109931 A 19860719**; DE 3670786 T 19860719; JP 21986886 A 19860919; US 4969987 A 19870513