

Title (en)

Workpiece processing system and method for detailed processing of a workpiece

Title (de)

Werkstückbearbeitungssystem und Verfahren zur Feinstbearbeitung eines Werkstücks

Title (fr)

Système de traitement de pièce usinée et procédé de traitement très fin d'une pièce usinée

Publication

EP 2636482 B1 20140702 (DE)

Application

EP 12158434 A 20120307

Priority

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Abstract (en)

[origin: EP2636482A1] The system (10) has a workpiece (12) provided with workpiece outer surface (18) and inserted into groove-shaped recess (20). A superfinishing tool is provided for fine machining of the surface (22) of the groove-shaped recess. The superfinishing tool is in the form of a belt (14). The effect profile of effect portion is coordinated to a groove profile (24) of the groove-shaped recess. The effect portion is extended along the groove-shaped recess. The contact surface is made in contact with the surface of the groove-shaped recess. An independent claim is included for method for superfinishing of workpiece.

IPC 8 full level

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CPC (source: EP)

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