

Title (en)

METHOD AND DEVICE FOR THE SURFACE TREATMENT OF WORKPIECES AND THEIR USE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR OBERFLÄCHENBEHANDLUNG VON WERKSTÜCKEN SOWIE DEREN VERWENDUNG

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE SURFACE POUR PIECES ET LEUR UTILISATION

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Application

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Abstract (en)

[origin: WO0016920A1] The invention relates to a method and a device for treating the surface of workpieces (12, 12', 12). According to said method the workpiece (12, 12', 12) is at least partly subjected to the action of a roll (16, 16', 16'', 74', 74 , 86', 86) which is at least partly provided with an outer profile (22, 22', 76, 76', 78, 78'), in such a way that the treated surface (14, 14', 14) of the workpiece (12, 12', 12) is subjected to internal compression stress and the areas of the workpiece (12, 12', 12) situated below the treated surface are subjected to internal tensile stress, in each case in the axial and tangential directions.

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