

Title (en)

Tool, apparatus and method for the manufacturing of a workpiece, especially of a worm gear

Title (de)

Werkzeug, Vorrichtung und Verfahren zur Herstellung eines insbesondere als Kugelrollspindel ausgebildeten Werkstücks

Title (fr)

Outil, dispositif et procédé pour la production d'une pièce à usiner, notamment d'une broche filetée à billes

Publication

EP 1884315 B1 20101117 (DE)

Application

EP 06016179 A 20060803

Priority

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Abstract (en)

[origin: EP1884315A1] The tool (8) is made of a working material with a working surface (10), which is curved in section wise, where the working surface is circular and formed radially inwards in a convex manner. Profile of the working surface is mirror-symmetrical and curved, where the profile of the working surface is adjusted in section wise to a profile of a ball bearing surface (6). The working material is disposed to a circular retaining body (12). The working material and the retaining body are undetachably connected with each other. Independent claims are also included for the following: (1) a method for manufacturing a workpiece i.e. ball roll spindle (2) a ball roll spindle provided for a steering gear of a motor vehicle.

IPC 8 full level

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CPC (source: EP)

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