

Title (en)

PRODUCTION USING A MACHINE TOOL OF FACES DEFINABLE BY CONE SEGMENTS

Title (de)

HERSTELLUNG DURCH KEGELSEGMENTE BESTIMMBARER FLÄCHEN MITTELS EINER WERKZEUGMASCHINE

Title (fr)

PRODUCTION À L'AIDE D'UNE MACHINE-OUTIL DE FACES DÉFINISSABLES PAR DES SEGMENTS DE CÔNE

Publication

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Application

EP 21746362 A 20210707

Priority

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Abstract (en)

[origin: WO2022022963A1] The invention relates to a method for producing and/or machining a non-conical face of a workpiece (5, 41, 43, W), which face can be defined by a segment of a cone (50, K), in particular a sealing face of a multiply eccentric shut-off valve (40), using a machine tool (20), the machine tool (20) having at least two linear axes (X, Y, Z) and at least one rotary axis (A, B, C) for generating a relative movement between a tool (1, 60) and the workpiece (5, 41, 43, W), and having a numerical controller (30) for controlling the axes (X, Y, Z, A, B, C), the method having the following steps: - a cycle (34) is provided on the numerical controller (30), - a user of the machine tool (20) retrieves the cycle (34), - the user parameterises the cycle (34), - a part program (33) that can be executed by the numerical controller (30) is generated by means of the cycle (34) and the numerical controller (30), - the part program (33) is carried out by means of the numerical controller (30) to generate the relative movement along a path (70) determined by the part program (33) to produce and/or machine the face of the workpiece (5, 41, 43, W).

IPC 8 full level

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