

Title (en)
HONING TOOL AND METHOD FOR PRODUCING SAME

Title (de)
HONWERKZEUG UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
OUTIL DE RODAGE ET PROCÉDÉ DE PRODUCTION DE CELUI-CI

Publication
EP 4182118 A1 20230524 (DE)

Application
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Abstract (en)
[origin: WO2022028714A1] The present invention relates to a honing tool (10; 50) for creating a high-precision contour on curved sealing, clamping or bearing surfaces, for example spherical or conical surfaces (4; 5) or other convex or concave surfaces in a component (2; 3). A honing tool according to the invention comprises a tool shank (12) designed to receive the honing tool (10) in a tool receptacle. One end of the tool shank (12) is adjoined by a rotationally symmetric guiding body (13) which has a frictional working surface (20) that allows the contour (4; 5) to be produced in a component (2; 3) to be machined. A spiral groove (16) has additionally been introduced, for example by means of a laser, into this frictional working surface (20).

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