

Title (en)

HONING BAR, METHOD FOR PRODUCING A HONING BAR AND HONING TOOL

Title (de)

HONLEISTE, VERFAHREN ZUR HERSTELLUNG EINER HONLEISTE SOWIE HONWERKZEUG

Title (fr)

BARRE DE POLISSAGE, PROCÉDÉ DE FABRICATION D'UNE BARRE DE POLISSAGE ET OUTIL DE POLISSAGE

Publication

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Application

**EP 22700804 A 20220117**

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Abstract (en)

[origin: WO2022167205A1] The invention relates to a honing bar (200) for use in a honing tool for processing the inner surface of a bore, comprising a cutting layer carrier (202) which carries a cutting layer (210) on an outer side, which cutting layer has cutting grains (215) bound within a binding (213) and an abrasive work surface (220) for engaging on the inner surface of the bore. The honing bar (200) defines a longitudinal direction (L) to be oriented parallel to a bore axis. The work surface (220) extends in a width direction (B), perpendicular to the longitudinal direction, between a first lateral surface (212-1) and a second lateral surface (212-2) of the cutting layer. The work surface (220) has a generally convex macroscopic design having at least two macroscopically flat facets (230-1, 230-2, 230-3) of different orientation which transition along edges (235-1 to 235-4) extending in the longitudinal direction to an adjacent facet or a lateral surface.

IPC 8 full level

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