

Title (en)

HONING TOOL AND METHOD FOR MACHINING A PLURALITY OF COAXIAL BORES

Title (de)

HONWERKZEUG UND VERFAHREN ZUM BEARBEITEN MEHRERER KOAXIALER BOHRUNGEN

Title (fr)

OUTIL DE RODAGE ET PROCÉDÉ POUR USINER PLUSIEURS TROUS COAXIAUX

Publication

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Application

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Abstract (en)

[origin: WO2015071294A1] The present invention relates to a honing tool (31) for machining a plurality of separate bores (17a, 17b, 17c) arranged coaxially one behind the other, with different diameters. The honing tool (31) comprises a plurality of cutting bar groups (3, 4, 5) arranged coaxially one behind the other, wherein a cross-section of one cutting bar group (3, 4, 5), formed by radially extendable cutting bars (18), differs from the cross-section of at least one other cutting bar group (3, 4, 5). The cutting bar groups (3, 4, 5) are designed and arranged in such a way that, during one single pass, a through-bore (17a, 17c) can be machined by at least a first cutting bar group (3, 5) and a stepped bore (17b) can be machined by at least a second cutting bar group (4).

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