

Title (en)
METHOD AND TOOL FOR PRODUCING AN EXACT-FIT CYLINDRICAL BORE BY REMOVAL OF MATERIAL FROM AN EXISTING BORE WITH A FINISHING ALLOWANCE

Title (de)
VERFAHREN UND WERKZEUG ZUR SPANENDEN HERSTELLUNG EINER PASSGENAUEN, ZYLINDRISCHEN BOHRUNG AUS EINER BESTEHENDEN BOHRUNG MIT FERTIGBEARBEITUNGSZUGABE

Title (fr)
PROCÉDÉ ET OUTIL POUR LA PRODUCTION PAR ENLÈVEMENT DE COPEAUX D'UN PERÇAGE CYLINDRIQUE AUX DIMENSIONS PRÉCISES EN PARTANT D'UN PERÇAGE EXISTANT AVEC ADDITION D'UN USINAGE DE FINITION

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Application
EP 13711572 A 20130315

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• EP 2013000803 W 20130315

Abstract (en)
[origin: WO2013135392A1] The provided method and material-removing tool serve for producing an exact-fit cylindrical bore with a high degree of surface quality and a length that may be a multiple of the diameter from an existing bore with a finishing allowance. In order to reduce the time taken for the finishing by means of a reamer to be performed, it is proposed to use a tool in the form of an impact ram (10), which is formed at the front end with a circular or substantially circular cutting edge (14), the diameter of which corresponds to the nominal diameter of the bore to be produced, and which tapers from directly behind the cutting edge (14) or behind a front region (16) of a certain length.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2013135392A1

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