

Title (en)

METHOD AND COMPONENTS FOR PRODUCING A TOOL UNIT FOR A DEEP DRILLING MACHINE

Title (de)

VERFAHREN UND KOMPONENTEN ZUM HERSTELLEN EINER WERKZEUGEINHEIT FÜR EINE TIEFBOHRMASCHINE

Title (fr)

PROCÉDÉ ET COMPOSANTS DESTINÉS À FABRIQUER UN ENSEMBLE OUTIL POUR UNE MACHINE DE PERÇAGE DE TROUS PROFONDS

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Application

EP 13734789 A 20130709

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Abstract (en)

[origin: WO2014012821A1] The invention relates to a method for producing a tool unit (100) for a deep drilling machine having an exchangeable tool head (130), such as a drill head, which is detachably fastened to a drill pipe (110). The drill pipe has an end proximal to the machine, having devices for accommodating the drill pipe on a working spindle of the deep drilling machine, and an end distal from the machine, having a first connecting structure (112) for attaching a tool head. The tool head has a second connecting structure (136). The tool head (130) is fastened to the drill pipe (110) by means of an multi-piece adapter unit (150) arranged therebetween, wherein a first adapter piece (160) of the adapter unit is connected to the drill pipe (110), a second adapter piece (170) of the adapter unit is connected to the tool head (130), and the first and second adapter pieces are connected to each other in a rotationally fixed and centered manner by means of corresponding first and second interface structures of an adapter interface (200). The adapter interface is preferably designed as an axial plug-in connection.

IPC 8 full level

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