

Title (en)
CUTTING PICK, WEAR AND MOUNTING SYSTEM FOR MINING MACHINE

Title (de)
SCHNEIDESPITZE, SCHUTZKLEIDUNG UND MONTAGESYSTEM FÜR EINE ABBAUMASCHINE

Title (fr)
SYSTÈME DE PIC DE COUPE, D'USURE ET DE MONTAGE POUR MACHINE MINIÈRE

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Application
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Priority
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Abstract (en)
[origin: WO2011113113A1] A tool system for a mining machine. The tool comprises a tool holder (12) and a cutting tool pick (14) with a cutting tip (16). The mounting end of the tool comprises a tapered shank (18) in a corresponding tapered socket (20) of the tool holder (12). There may be a wear plate (24) situated between the tool holder (12) and the tool (14). There may be further removable wear plates (30) positioned between the tool holder and the tool in the shank region, these wear plates may have lateral projections (29) engaging corresponding recesses (32) in the shank region of the body (12). All these wear plates may be sacrificial and are able to be replaced upon wear, thus less damage will occur to the shank region of the tool or the holder body. The tool assembly may further include a pin (42) which can engage both the tool and holder by extending through aligned openings, opening (40) in the tool holder and opening (38) in the tool. The pin may be resiliently held in place. A spray unit (25) extends through the wear part (24) and has an outlet (25a) to direct fluid toward the cutting tip (16).

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