

Title (en)  
CHUCK FOR RECEIVING TOOLS OPERATED BY ROTATING AROUND THE AXIS THEREOF

Title (de)  
FUTTER ZUR AUFNAHME VON DURCH DREHEN UM IHRE ACHSE VERWENDBARE WERKZEUGE

Title (fr)  
MANDRIN POUR LA RECEPTION D'OUTILS UTILISABLES PAR ROTATION AUTOUR DE LEUR AXE

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Abstract (en)  
[origin: WO03103901A2] The invention relates to a chuck for receiving tools (1) that are operated by rotating around the axis thereof, particularly screwdriver bits, comprising an insertion section (3) which is provided with a seat cavity (2) having a non-circular cross-sectional area (3). The tool can be locked in said seat cavity (2) by means of a holding element (4) which is assigned to the cavity wall in order to prevent the tool from being withdrawn from the seat cavity (2). The holding element (4) can be deactivated by displacing an actuating member, particularly in the form of an actuating sleeve (5). The tool (1) rests backwards against the seat cavity (2). According to the invention, the tool (1) can be displaced from the resting position in the direction of the opening of the seat cavity (2) by actuating the actuating sleeve (5). In order to facilitate removal of the bit, the inventive chuck also comprises means (15, 16, 17) for releasing the face (1') of the bit and a magnet (9) which retains the bit in the cavity from the resting position.

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