

Title (en)

TOOL HOLDER FOR A TOOL, ESPECIALLY A BORING, MILLING OR GRINDING TOOL, WHICH CAN BE ROTATED ABOUT A ROTATIONAL AXIS

Title (de)

WERKZEUGHALTER FÜR EIN UM EINE DREHACHSE DREHBARES WERKZEUG, INSBESONDERE EIN BOHR-, FRÄS- ODER SCHLEIFWERKZEUG

Title (fr)

PORTE-OUTILS DESTINE A UN OUTIL POUVANT ETRE MIS EN ROTATION AUTOUR D'UN AXE DE ROTATION, EN PARTICULIER UN OUTIL DE FORAGE, DE FRAISAGE OU DE RECTIFICATION

Publication

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Application

**EP 00949352 A 20000714**

Priority

EP 0006761 W 20000714

Abstract (en)

[origin: WO0205993A1] The invention relates to a tool holder for receiving a tool, especially a boring, milling, or grinding tool, which can be rotated about a rotational axis and which comprises a clamping shank. In a preferred form of embodiment, said clamping shank comprises a receiving opening (9) which is centrally arranged in an end socket (7) in relation to the rotational axis, said end socket being closed in an annular manner and said receiving opening being used for the interference fit of a holding shank pertaining to the tool. The end socket (7) contains a plurality of pressure chambers which are distributed in the circumferential direction and which extend at least approximately in the direction of the rotational axis. Said pressure chambers (13) can be connected to a pressure means supply which is especially hydraulic, in order to radially expand the receiving opening (9).

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See references of WO 0205993A1

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