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ABSTRACT OF THE DISCLOSURE

AN APPARATUS FOR CLAMPING A WORK PIECE IN A WELL DEFINED POSITION

The clamping apparatus comprises a base member adapted to be fixed in the working area of the machining apparatus and a work piece carrier member adapted to be put onto the base member and to be clampingly fixed to the base member, the work piece carrier member being adapted to receive a work piece to be machined.

Aligning elements fixed to the work piece carrier member and to the base member and cooperating in pairs define the position of the work piece carrier member in X-, Y- and Z-direction as well as with regard to its angular orientation. For the definition of the X-Y-position, three aligning element pairs are provided. Two of them are located opposite to each other at the two lateral end regions of the clamping apparatus and define the position along the Y-axis which runs perpendicular to a connection line between the two aligning element pairs. The third aligning element pair is located in the center between the two other ones and defines the position in the X-axis. For clamping the work piece carrier member to the base member, the base member is provided with two clamping members which are located each between the central and one of the lateral aligning element pairs.

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This Sheet Has Been Replaced

