

Abstract

Method and Device for Casting a Ring-Shaped Plastic Frame in a Recess of a Rotor disk of a Double-sided Machining Machine

The invention relates to a device for casting a ring-shaped plastic frame in a recess of a rotor disk of a double-sided machining machine, wherein the recess serves to hold a workpiece in the double-sided machining machine during double-sided machining, comprising two mold parts that accommodate the rotor disk between themselves, and a mold core that partially fills in the recess when the rotor disk is accommodated between the mold parts, wherein the mold core has at least one casting channel, one end of which terminates in a mold volume provided for the plastic frame, and the other end of which is connectable to a supply for plastified plastic, wherein at least one of the mold parts has at least one ring-shaped seat in which at least one ring-shaped mold insert is releasably inserted such that the at least one ring-shaped mold insert, together with the mold core and the edge of the recess, delimits the mold volume provided for the plastic frame. The invention also relates to a corresponding method and a correspondingly produced rotor disk.

Fig. 1