

ABSTRACT

VALVE PLATE FOR SEALING A VALVE OPENING OF A VACUUM VALVE

A sealing ring (3) made of an elastomer material is fitted on the front side of an at least essentially rectangular valve plate for the purpose of sealing a valve opening (31, 32) of a vacuum valve. On the rear side (4), the valve plate has at least one recess (7) with an undercut boundary wall which forms a sloping surface (8) which, for the purpose of fastening the valve plate on a carrier (20), can be braced with a sloping surface (27) of the carrier (20). The valve plate has fitted on it at least one lug (14), which protrudes beyond the rear side (4) of the valve plate and has a through-passage bore (15) through which to guide a clamping screw (16), which can be screwed into a threaded bore (28) of the carrier (20), for the purpose of bracing the at least one sloping surface (8) of the valve plate with the at least one sloping surface (27) of the carrier (20). In a side view of the valve plate, as seen in a viewing direction parallel to the longitudinal sides (5) of the valve plate, the straight-line extension of the longitudinal center axis (17) of the through-passage bore (15), which runs through the lug (14), runs past the sloping surface (8) at a distance (a) from the rear side (4) of the valve plate.

(Fig. 5)