

ABSTRACT

IMPROVED CLOSING AND DRAINING ASSEMBLY FOR A CHEMICAL REACTOR

The invention relates to a closing and draining assembly (2) intended to be mounted on the outlet orifice (6) of a chemical reactor (1), comprising an opening/closing valve comprising a valve body (10) and a displacement valve closing said outlet orifice (6) by a downward or upward displacement of a valve head (7), which is bearing in a sealed manner on a seat part (9) in its closing position. According to the invention, the seat part (9) is removable and comprises an annular chamber (14), an opening (15) for supplying said annular chamber (14) with fluid and at least one set of bores (17, 17a, 18, 18a) distributed homogeneously over the annular extension of said seat part (9) so as to open out into the chemical reactor (1) and thus form fluid communication channels between the annular chamber (14) and the inside of the chemical reactor (1).

Fig. 3