

Title (en)

SLIDE-GATE VALVE WITH INNER SEALING ELEMENT AND METHOD FOR THE MOUNTING THEREOF

Title (de)

SCHIEBERVERSCHLUSS MIT INNENLIEGENDEM DICHTKÖRPER UND VERFAHREN ZU DESSEN MONTAGE

Title (fr)

FERMETURES DE TYPE À TIROIR POURVUES D'UN CORPS D'ÉTANCHÉITÉ INTERNE ET PROCÉDÉ DE MONTAGE

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Application

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Abstract (en)

[origin: WO2021219525A1] The invention relates to a slide-gate valve (100) for a metallurgical vessel, in particular a casting ladle, to a method for mounting a slide-gate valve (100) and to the use of an inner sealing element (20) for the gastight sealing of a valve housing (1) of a slide-gate valve (100). The slide-gate valve (100) comprises a valve housing (1), which can be fastened on the metallurgical vessel, wherein the valve housing (1) has an inlet opening (13) and an outlet opening (19) for molten metal, a slide frame (2), which is displaceably mounted in a displacement direction (V) in the valve housing (1) and receives a slide-valve plate (6), which has a through-flow opening (60) for the molten metal, a pouring sleeve (7) for discharging the molten metal through the outlet opening (19) and a sealing element (20) for the gastight sealing of the outlet opening (19), wherein the sealing element (20) has a through-flow opening (40) for the pouring sleeve (7), wherein the sealing element (20) is arranged on an inner side (17) of the valve housing (1).

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