

Title (en)

Refractory plate for use in sliding closure unit

Title (de)

Feuerfeste Verschlussplatte für einen Schieberverschluss am Ausguss eines Metallschmelze enthaltenden Gefäßes

Title (fr)

Plaque réfractaire pour fermeture à tiroir de poches de coulée

Publication

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Application

EP 92109352 A 19920603

Priority

CH 208191 A 19910712

Abstract (en)

[origin: CA2070798A1] A refractory valve plate (20,22) is inserted in a housing (12) or in a slider unit (23) of a sliding gate valve (10). Adjacent to the refractory valve plates (20,22) there is in each case a sleeve (18,24) in the outlet of a vessel (14) containing a metal melt and at the outlet of the sliding gate valve (10), respectively. Pouring can be performed with the sliding gate valve (10) in a regulated manner. The refractory valve plates (20,22) each have a sheet metal casing (26,28) which has a projecting collar (26',28') on the plate end surface directed towards the sleeve (18,24) which substantially surrounds the joint (29) formed by the plate and the sleeve. The risk of breakout in which infiltration of steel melt into the joint occurs can thus be considerably reduced.

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