Title (en)

SLIDING CLOSURE FOR A RECEPTACLE CONTAINING MOLTEN METAL

Title (de)

SCHIEBEVERSCHLUSS FÜR EINEN METALLSCHMELZE ENTHALTENDEN BEHÄLTER

Title (fr)

OBTURATEUR À TIROIR POUR RÉCIPIENT CONTENANT UN BAIN MÉTALLIQUE

Publication

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Application

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Abstract (en)

[origin: WO2009127333A1] The invention relates to a sliding closure (1) for a receptacle containing molten metal, comprising a housing frame (3) that can be fastened to a spout of the receptacle, a refractory base plate (5) and a sliding unit (7) having a refractory sliding plate (8) that can be sealingly pressed against the base plate by means of spring elements (11) and a contiguous refractory spout sleeve (9) being contained in said housing frame. The case (4) has a second base plate (6) juxtaposed to the base plate (5) and can be displaced inside the housing frame (3) at a right angle to the direction of movement of the sliding unit (7) from an initial position in which the base plate (5) is in an operating position towards a final position in which the second base plate (6) is in the operating position. It is therefore possible to replace the base plate, which especially in converters wears outs very quickly, by a new base plate in a rapid and convenient manner without interrupting the casting operation.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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