

Title (en)
REFRACTORY PLATE FOR A DEVICE FOR THE INSERTION AND/OR REMOVAL OF A NOZZLE FOR A CASTING INSTALLATION COMBINED WITH A SLIDING PLATE FLOW-CONTROL DEVICE

Title (de)
FEUERFESTPLATTE FÜR VORRICHTUNG ZUR ZUFÜHRUNG UND/ODER AUSWECHSELUNG EINER GIESSDÜSE IN EINER GIESSMASCHINE, GEKOPPELT MIT EINER , EINE SCHIEBERPLATTE ENTHALTENDE DURCHFLUSSREGELEINHEIT

Title (fr)
PLAQUE REFRACTAIRE POUR UN DISPOSITIF SERVANT A INSERER ET/OU EXTRAIRE UNE BUSE DANS UNE INSTALLATION DE MOULAGE COMBINEE A UN DISPOSITIF DE REGLAGE DE DEBIT A LAME COULISSANTE

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Abstract (en)
[origin: WO2004052575A1] The invention relates to a refractory plate for a device for the insertion and/or removal of a nozzle for a casting installation combined with a sliding plate flow-control device comprising a) a first surface (1) provided with an orifice (2) defining the entry of a casting channel (3) through the plate and able to form a sealing surface, at least around the orifice (2), with a face matching the face of a mobile plate of the flow-control device; b) a second surface (4) adapted to rest in housing of the device and provided with a plane protuberance (5) circumscribing the casting channel (3) and extending through the bottom wall of the housing, and c) a third surface (6) defined by the plane surface of the protuberance (5) provided with an orifice (7), with a matching face of a refractory tube in casting position, and to act as guiding surface for the refractory tube from an introduction position to a casting position, and being shaped so that the portion of the third surface (6) in contact with the matching surface of the refractory tube increases as the tube progresses from the introduction position to the casting position. With this plate, an optimal compromise between the necessity to support at most the lower part of the plate while maximizing the lower surface available for guiding the tube from its introduction position to the casting position.

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