Title (en)
METHOD AND DEVICE FOR REPAIRING A REFRACTORY SHELL OF A METALLURGICAL VESSEL

Title (de)
VERFAHREN UND VORRICHTUNG ZUR REPARATUR EINER FEUERFESTEN HÜLSE EINES METALLURGISCHEN GEFÄSSES

Title (fr)
PROCÉDÉ ET DISPOSITIF DE RÉPARATION DE MANCHONS REFRACTAIRES D'UN CREUSET MÉTALLURGIQUE

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Application
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Abstract (en)
[origin: WO2016131510A1] The invention relates to a method and a device for repairing the discharge shell (6) of a metallurgical vessel, said shell being rigidly installed in the refractory lining (4, 5) of the vessel. The repair of the shell is carried out according to the invention by mortaring the casting channel (7) of the shell using a mortar dispenser (9) which can be inserted into the casting channel and which calibrates the casting channel over the entire channel length upon being drawn out of the casting channel. The mortar dispenser (9) is driven in a rotating manner coaxially to the casting shell (7) during the mortaring process and is drawn out of the casting shell (7) likewise in a rotating manner after a defined period of time. The method is suited particularly for repairing the inner shell of a casting ladle with a slide closure which adjoins the ladle discharge and the maintenance of which is automatically carried out in a maintenance station of the casting system. When maintenance is being carried out on the slide closure, the repair of the inner shell is likewise carried out automatically in the maintenance station during the maintenance of the slide closure.

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