

Title (en)

ARRANGEMENT FOR SECURING A STOPPER ROD FOR A METALLURGICAL VESSEL TO ITS LIFTING DEVICE, STOPPER ROD SUITABLE FOR THE ARRANGEMENT AND PROCESS FOR PRODUCING THE ARRANGEMENT

Title (de)

ANORDNUNG ZUR VERBINDUNG EINER STOPFENSTANGE FÜR EIN METALLURGISCHES GEFÄSS MIT IHRER HEBEVORRICHTUNG UND FÜR DIE ANORDNUNG GEEIGNETE STOPFENSTANGE SOWIE VERFAHREN ZUR HERSTELLUNG DER ANORDNUNG

Title (fr)

SYSTEME PERMETTANT DE RELIER UNE QUENOUILLE DE CUVE METALLURGIQUE A SON DISPOSITIF DE LEVAGE, QUENOUILLE APPROPRIÉE AU SYSTEME ET PROCÉDE DE PRODUCTION DUDIT SYSTEME

Publication

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Application

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Abstract (en)

[origin: DE4324768C1] The arrangement (100) comprises a carrier (10) on whose one end a lifting device engages and which projects with its other end into an inner longitudinal recess (8) in a stopper-rod (2). The stopper-rod (2) has an installation space (17) which widens the longitudinal recess (8) laterally and whose downwardly adjoining side walls merge in a curve or conically into the longitudinal recess (8). The carrier (10) comprises at least one blocking member (14, 24) which can be displaced by an auxiliary assembly bar (36), which can be introduced into the longitudinal recess (8), such that said blocking member projects out of the cross-section of the carrier (10) into the installation space (17). To release the connection, after releasing a nut (7) which is supported against the end face (11), only the stopper-rod (2) has to be displaced further upwards on the carrier (10), as a result of which the blocking members (14, 24) are automatically displaced back into the cross-section of the carrier (10) and the stopper-rod (2) can be withdrawn downwards from the carrier (10). It is therefore possible to make the installation space (17) in reusable pressing-in sleeves (29) which are also pressed in during the isostatic pressing of the ceramic stopper-rod material. <IMAGE>

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