

Title (en)  
SLIDING CLOSURE FOR METALLURGICAL VESSELS

Title (de)  
SCHIEBEVERSCHLUSS FÜR METALLURGISCHE GEFÄSSE

Title (fr)  
VERROU COULISSANT POUR RECIPIENTS METALLURGIQUES

Publication  
**EP 1888274 A2 20080220 (DE)**

Application  
**EP 06724814 A 20060515**

Priority  
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Abstract (en)  
[origin: WO2006125543A2] Disclosed is a sliding closure for metallurgical vessels, comprising at least two fireproof closing parts that can be braced against each other by means of spring elements (5). At least one measuring apparatus (10) is provided for measuring the distance of the housing parts or the closing parts from each other regarding the displacement thereof transversal to the sliding areas while at least one temperature gauge is provided which is connected to an evaluation unit (20). The apparatus (10) for measuring the position of the closing parts encompasses exploring coils (12, 13) that are mounted next to each other and a core (15) located in a central opening (11a) in said coils, each of which is arranged in one of the two housing parts and which jointly form a differential throttle. The core (15) can be adjusted perpendicular to the sliding areas when the distance between the two housing parts changes, whereby a tension can be generated which can be transmitted to the evaluation unit (20). Said measurement makes it possible to improve the operational safety of such a sliding closure.

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