

Title (en)
METHOD, CONTROL DEVICE AND DRIVE DEVICE FOR DETACHING A CHARGE STUCK TO THE INNER WALL OF A GRINDING PIPE

Title (de)
VERFAHREN, STEUERVORRICHTUNG UND ANTRIEBSVORRICHTUNG ZUM LÖSEN EINER FESTGEKLEBTEN LADUNG VON DER INNENWAND EINES MAHLROHRS

Title (fr)
PROCEDE, DISPOSITIF DE COMMANDE ET DISPOSITIF D'ENTRAINEMENT POUR DETACHER UNE CHARGE COLLANT A LA PAROI INTERNE D'UN TUBE BROUYEUR

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Application
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Abstract (en)
[origin: WO2005092508A1] The invention relates to a method for detaching a charge (5) which is stuck to the inner wall of a grinding pipe (1), wherein the drive device (2) of the grinding pipe (1) is controlled by a control device (3) for targeted removal of the charge (5) that is stuck. The grinding pipe (1) is rotated in a targeted manner such that the charge (5) that is stuck is removed from the inner wall of the grinding pipe (1) as a result of multiple modification of the rotational speed of the grinding pipe (1) and, optionally, as a result of abrupt braking of the grinding pipe (1). Generally speaking, the material-dependent maximum angle of rotation F of the grinding pipe is not exceeded in order to avoid the charge that is stuck from falling in an uncontrolled manner. The invention supercedes labour-intensive and protracted methods for detaching such charges (5) since the tasks can be carried out by the same motor of the drive device (2) which is used to drive the grinding pipe (1) during the grinding process.

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