

Title (en)

DEVICE FOR DIRECTLY MONITORING THE CHARGING PROCESS ON THE INSIDE OF A SHAFT FURNACE

Title (de)

VORRICHTUNG ZUM DIREKTEN BEOBACHTEN DES BESCHICKUNGSVORGANGS IM INNERN EINES SCHACHTOFENS

Title (fr)

DISPOSITIF POUR LE CONTROLE DIRECT DU PROCESSUS DE CHARGEMENT A L'INTERIEUR D'UN FOUR A CUVE

Publication

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Application

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Abstract (en)

[origin: WO9832882A1] The invention relates to a device for directly monitoring the charging process on the inside of a shaft furnace (2), in particular a blast furnace, while said furnace is in operation. Said device comprises a measuring lance (12) mounted above the charge column (4) in the shaft furnace (2) in such a way that during the charging process it is subjected to the charge (8) falling out of a charging device (6), and sensor means (14) which detect the position of the falling charge (8) in relation to the measuring lance (12).

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