

Title (en)

METHOD FOR DETERMINING THE TRAJECTORY OF MATERIALS WHEN CHARGING A SHAFT KILN

Title (de)

VERFAHREN ZUM BESTIMMEN DER BAHN VON MATERIALIEN BEI DER BESCHICKUNG EINES SCHACHTOFENS

Title (fr)

PROCEDE DE DETERMINATION DE LA TRAJECTOIRE DES MATIERES LORS DU CHARGEMENT D'UN FOUR A CUVE

Publication

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Application

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Abstract (en)

[origin: WO0121841A1] The invention concerns a method using a probe whereof the part inside the chamber of said kiln is not provided with sensors. The method consists in associating to the part of the probe outside the kiln chamber a sensor sensitive to the impact of materials charged over part of the probe introduced in the kiln chamber and in observing a signal generated by said sensor in connection with the part of the probe outside the chamber; moving the probe head inside the kiln chamber and in recording the observed signal as the probe moves; plotting curves whereon can be read the width of the flux of materials, the centre of gravity of said flux and the density of materials poured along a direction coinciding with the trajectory of the moving probe head.

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