

Title (en)

METHOD AND DEVICE FOR DETERMINING THE TIME OF IGNITION IN AN OXYGEN BLOWING METHOD

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESTIMMEN DES ZEITPUNKTES DER ZÜNDUNG BEI EINEM SAUERSTOFFBLASVERFAHREN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION DU MOMENT D'ALLUMAGE POUR UN PROCÉDÉ DE SOUFFLAGE À L'OXYGÈNE

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Application

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Abstract (en)

[origin: WO2016050399A1] The invention relates to a method for determining the point in time of ignition during an oxygen blowing process, in particular during the basic oxygen process, in a converter (1), wherein an oxygen amount value (110) for the amount of the oxygen blown and a waste gas temperature value (20) for the current waste gas temperature in the waste gases resulting from the oxygen blowing process are determined, and the point in time, at which a predefined oxygen limit value for the amount of oxygen and, at the same time, a predefined waste gas temperature limit value in the waste gas are reached, is defined as the point in time of ignition. The invention also relates to a device which is particularly suitable for carrying out the method.

IPC 8 full level

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