

Title (en)

METHOD FOR DETERMINING CARBON IN CAST IRON

Title (de)

VERFAHREN ZUR BESTIMMUNG VON KOHLENSTOFF IN GUSSEISEN

Title (fr)

PROCÉDÉ POUR LA DÉTERMINATION DU CARBONE DANS LA FONTE

Publication

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Application

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Abstract (en)

[origin: WO2011101143A1] The invention relates to a method for determining the carbon content of an iron alloy, comprising the following steps: a) starting the measurement (13) of a sample in a spark spectrometer, b) forming a plasma in a pre-spark phase, c) detecting (13) and recording an intensity signal of the carbon, d) calculating and masking (15) an unstable plasma phase, e) calculating an excess increase in the carbon signal (16, 17) and calculating the content of dissolved and undissolved carbon (18).

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