

Title (en)

Method for controlling the temperature of the metal bath during the blowing process in a converter

Title (de)

Verfahren zur Temperaturkontrolle des Metallbades während des Blasprozesses in einem Konverter

Title (fr)

Procédé de contrôle de température du bain de métal lors du processus de soufflage dans un convertisseur

Publication

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Application

EP 11166662 A 20110519

Priority

DE 102010035411 A 20100825

Abstract (en)

[origin: EP2423336A1] Controlling blowing process in a converter comprises controlling the time course of the blow by determining the temperature and carbon content of the metal bath as well as by exhaust gas analysis, where the temperature control and estimation of the temperature of the metal bath of the exhaust gas temperatures measured continuously by a T-sub-model before the waste gas de-dusting are combined with the acyclic determined actual metal bath temperature to a projected metal bath temperature. Controlling blowing process in a converter comprises controlling the time course of the blow by determining the temperature and carbon content of the metal bath as well as by exhaust gas analysis, where the temperature control and estimation of the temperature of the metal bath of the exhaust gas temperatures continuously determined by a T-sub-model before waste gas de-dusting are combined the with the acyclic determined actual metal bath temperature to a projected metal bath temperature and the resulting temperature values are associated with the set-point end-temperature of the metal bath with the control signals calculated in a converter model are associated for blowing.

IPC 8 full level

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