

Title (en)  
METHOD FOR CONTROLLING THE HOMOGENEITY OF THE TEMPERATURE OF PRODUCTS IN A METALLURGICAL REHEATING FURNACE, AND REHEATING FURNACE

Title (de)  
VERFAHREN ZUR STEUERUNG DER HOMOGENITÄT DER TEMPERATUR VON PRODUKTEN IN EINEM NACHWÄRMUNGSOFEN UND NACHWÄRMUNGSOFEN

Title (fr)  
PROCEDE DE CONTROLE DE L HOMOGENEITE DE TEMPERATURE DES PROD UITS DANS UN FOUR DE RECHAUFFAGE DE SIDERURGIE, ET FOUR DE RECHAUFFAGE.

Publication  
**EP 1618347 A2 20060125 (FR)**

Application  
**EP 04742455 A 20040407**

Priority  
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• FR 0304877 A 20030418

Abstract (en)  
[origin: FR2853959A1] Control of the homogeneity of the temperature of steel products (2) in a reheat furnace (1) equipped with lateral burners is carried out by making all or none of the lateral burners function and by regulating the functioning time and stoppage of each burner to obtain the desired temperature. One chooses as the lateral burners from burners with a spread flame (B1-B4), make these burners function at a regime close to the maximum regime or at the maximum regime and the order of ignition of the burners is chosen to favour the stirring and the circulation of the fume in order to reduce the hot point of the flame and to obtain an improved homogeneity of temperature in the walls of the furnace and the products. An independent claim is also included for a furnace for reheating steel products equipped with lateral burners using this method of control.

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**F27B 9/36**

IPC 8 full level  
**F27B 9/36** (2006.01)

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