

Title (en)  
METHOD OF OPERATING A METAL FOUNDRY, SYSTEM FOR PERFORMING THE METHOD, AND METAL FOUNDRY COMPRISING THE SYSTEM

Title (de)  
VERFAHREN FÜR DEN BETRIEB EINER METALLGIESSEREI, SYSTEM ZUR DURCHFÜHRUNG DES VERFAHRENS UND METALLGIESSEREI MIT DEM SYSTEM

Title (fr)  
PROCÉDÉ DE FONCTIONNEMENT D'UNE FONDERIE DE MÉTAL, SYSTÈME PERMETTANT D'EXÉCUTER LE PROCÉDÉ ET FONDERIE DE MÉTAL COMPRENANT LE SYSTÈME

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Application  
**EP 14767144 A 20140908**

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Abstract (en)  
[origin: WO2015033311A1] The invention provides a method (200) of operating a metal foundry (2), In particular a green sand metal foundry (2);, so as to lower the environmental impact of the operation of the metal foundry. The metal foundry (2) comprises at least one metal foundry machine (10) such as at least one of a vertical green sand moulding machine (30), mould conveyor (50), shake out machine (60) or a sand cooler (70). The at least one metal foundry machine (10) produces at least one environmental disturbance: when used in the operation of the metal foundry (2), The 'method (200) comprises the steps of obtaining at least one measurement of the at least one environmental disturbance (210), obtaining: at least one instruction for the at least one metal foundry machine on the basis of the at least one measurement (220), the at least one instruction being configured to cause a decrease of the at least one environmental disturbance, and using the at least one instruction (280) to operate the at least one metal foundry machine (10). The at least one instruction is preferably obtained using a lookup table or a function based on the at least one measurement. A system (100) for performing the method and a metal foundry (2): comprising the system are also provided.

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