

Title (en)

DIE-CASTING SYSTEM FOR MAKING METAL OBJECTS AND METHOD FOR CONTROLLING A DIE-CASTING MACHINE OF SAID SYSTEM

Title (de)

DRUCKGUSSSYSTEM ZUR HERSTELLUNG VON METALLOBJEKTEN UND VERFAHREN ZUR STEUERUNG EINER DRUCKGUSSMASCHINE DES BESAGTEN SYSTEMS

Title (fr)

SYSTÈME DE COULÉE SOUS PRESSION DE FABRICATION D'OBJETS MÉTALLIQUES ET PROCÉDÉ DE COMMANDE DE MACHINE DE COULÉE SOUS PRESSION DUDIT SYSTÈME

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022243950A1] A die-casting system for making metal objects comprises a die-casting machine (3), which is configured to make the metal objects by die-casting a liquid metal material (2); and a control unit (9), which is configured to set a nominal value of a plurality of die-casting parameters, which control the operating configuration of the machine (3); to store a reference interval for each die-casting parameter as a function of the quality of the metal objects made by the machine (3); to acquire an operating value of each die-casting parameter of the machine (3) during the die-casting of the liquid metal material (2); to compare the acquired operating value with the respective reference interval provided; and to vary the nominal value of each die-casting parameter as a function of said comparison so that the operating value of each die-casting parameter is comprised within the respective reference interval.

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