

Title (en)
DEVICE FOR CONTROLLING THE INTRODUCTION OF SEVERAL METALS INTO A CAVITY DESIGNED TO MELT SAID METALS

Title (de)
VORRICHTUNG ZUR STEUERUNG DES EINTRAGS MEHRERER METALLE IN EINEN HOHLRAUM ZUM SCHMELZEN DER METALLE

Title (fr)
DISPOSITIF DE CONTROLE D'UNE INTRODUCTION DE PLUSIEURS METAUX DANS UNE CAVITE ADAPTEE A UNE FUSION DESDITS METAUX

Publication
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Application
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Abstract (en)
[origin: WO2010055211A1] The present invention describes a method and a device for controlling the introduction of several metals into a cavity designed to melt said metals in the form of ingots. In particular, the method according to the invention is designed to control the introduction of several metals into a cavity (2, 3) for melting said metals so as to dip-coat a steel strip (1) with said metals in liquid metal form, whereby a first metal is introduced in the form of at least a first ingot (10) having a high content of said first metal and a second metal is introduced in the form of at least a second ingot (11) consisting of an alloy of the first metal and the second metal, characterized in that the second metal content of the second ingot is chosen from a range of significant contents for ensuring an intended overall flowrate for combined melting of the ingots, the range of significant contents being chosen in a limited interval of sequentially increasing values so as to minimize differences between melting points of the ingots.

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