

Title (en)

METHOD OF CASTING MELT BY MEANS OF A MELT CONTAINER IN WHICH A MELT RECEPTION AREA IS FORMED

Title (de)

VERFAHREN ZUM GIESSEN VON SCHMELZE MITTELS EINES SCHMELZEBEHÄLTERS IN WELCHEM EIN SCHMELZEAUFNAHMERaum AUSGEBILDET IST

Title (fr)

PROCÉDÉ DE COULAGE DE LA FUSION AU MOYEN D'UN CONTENEUR DE FONDRE DANS LEQUEL UNE ZONE DE RÉCEPTION DE FONDRE EST FORMÉE

Publication

**EP 4072750 C0 20231004 (DE)**

Application

**EP 20838330 A 20201211**

Priority

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Abstract (en)

[origin: WO2021113892A1] The invention relates to a method for casting a melt (2) by means of a melt container (3) in which a melt receiving space (4) is formed, wherein the melt container (3) has an outlet (5) in the form of a lance (20) below the melt container (3), wherein the method comprises the following method steps: filling the melt container (3) with a melt (2), wherein the melt (2) is transferred via an outlet opening (6) of the lance (20) from a crucible (25) into the melt receiving space (4) of the melt container (3); casting at least one cast workpiece with a melt (2); re-filling the melt container (3) with a melt (2), and, as the melt container (3) is filled with the melt (2), more melt is received in the melt receiving space (4) than is required during the casting of the cast workpiece, wherein a remaining amount of melt (2), which has an oxide layer formed on the surface (19) of the melt, is located in the melt receiving space (3) of the melt container (3) directly before the re-filling of the melt container (3).

IPC 8 full level

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