

Title (en)
ELEMENT OF A CONTINUOUS METAL CASTING INGOT MOULD WITH A COPPER OR COPPER ALLOY COOLED WALL COMPRISING ON ITS EXTERNAL SURFACE A METAL COATING, AND METHOD OF COATING

Title (de)
STRANGGUSSKOKILLETEIL MIT EINER METALBESCHICHTER, GEKÜHLTER WAND AUS KUPFER ODER KUPFERLEGIERUNG UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
ELEMENT D'UNE LINGOTIERE POUR LA COULEE CONTINUE DES METAUX, COMPRENANT UNE PAROI REFROIDIE EN CUIVRE OU EN ALLIAGE DE CUIVRE COMPORTANT SUR SA SURFACE EXTERNE UN REVETEMENT METALLIQUE, ET PROCEDE POUR SON REVETEMENT

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Abstract (en)
[origin: WO9802263A1] The invention concerns an element of a continuous metal casting ingot mould with a copper or copper alloy cooled wall to be contacted with liquid metal and comprising on its external surface a metal coating, characterised in that the said coating consists of a silver plating. In a preferred embodiment, this wall is a cylinder hoop for a continuous casting machine of thin metal strips between two cylinders or on one single cylinder. The invention also concerns a method for coating with a metal plating the external surface of a copper or copper alloy cooled wall of an element of a continuous metal casting ingot mould, characterised in that a coating is effected by the deposit of a silver plating on said surface preferably by electrolysis. Preferably, the restoration of said silver plating is done by allowing a residual silver plating to subsist on said wall, and by effecting a re-silvering of said plating by placing said wall in cathode in an electrolysis consisting, for instance, of an aqueous silver cyanide solution, of an alkaline metal cyanide and of an alkaline metal carbonate.

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