Title (en)

WALL ELEMENTS FOR WATER-COOLED, CURRENT-CONDUCTING ELECTRODE SUPPORT ARMS AND ELECTRODE SUPPORT ARMS PRODUCED FROM SUCH WALL ELEMENTS

Title (de)

WANDUNGSELEMENTE FÜR WASSERGEKÜHLTE, STROMFÜHRENDE ELEKTRODENTRAGARME UND AUS SOLCHEN WANDUNGSELEMENTEN ERSTELLTE ELEKTRODENTRAGARME

Title (fr)

ELEMENTS DE PAROI POUR BRAS PORTE-ELECTRODE CONDUCTEURS REFROIDIS PAR EAU ET BRAS PORTE-ELECTRODE REALISES AVEC DE TELS ELEMENTS DE PAROI

Publication

EP 2033493 B1 20120111 (DE)

Application

EP 07764634 A 20070613

Priority

• EP 2007005198 W 20070613
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Abstract (en)

[origin: US2009207877A1] The particular aim of the invention is cost-effective production of the wall elements for water-cooled, current-conducting electrode bearing arms, wherein wall elements have been developed which comprise a flat profile, which consists of an electrically conductive metal and into which at least one recess is incorporated on the side forming the outside of the electrode bearing arm, which recess extends over the length of the profile and is provided on the outside and the end side with a cover, which is combined with the flat profile by means of welding and provides a closed cooling channel, with in each case at least one inlet and at least one outlet for the cooling water flowing through the channel. The constituent parts of the wall elements can be produced in a cost-effective manner from continuous material, from which wall elements it is then also possible for electrode bearing arms to be produced in a cost-effective manner taking into consideration individual requirements for electrode bearing arms to be produced from the wall elements in terms of their dimensions.

IPC 8 full level

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CPC (source: EP KR US)

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DOCDB simple family (application)

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