

Title (en)

Method and apparatus for renewing bottom electrodes in an arc furnace.

Title (de)

Verfahren und Vorrichtung zur Instandsetzung einer Elektrode.

Title (fr)

Procédé et dispositif pour renouveler les électrodes d'un four à arc.

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0543475A2] The invention relates to a method for repairing a bottom electrode which is used as an anode, a suitable material being applied onto the remaining head after a defined wear level is reached and this material being fused on by means of an arc (which is ignited between the cathode and the anode) to such an extent that a connection to the head of the anode exists. Furthermore, the invention relates to a device for carrying out the method, aids (50) being provided for generating the arc, to which aids (50) a cathode is connected which can be moved into an axial position with respect to the respective old anode (23) while the metallic material is being fused on. <IMAGE>

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