

Title (en)

Method and installation for producing metal ingots

Title (de)

Verfahren und Anlage zum Herstellen von Blöcken aus Metallen

Title (fr)

Procédé et installation pour la fabrication de lingots métalliques

Publication

**EP 0727500 B1 20000419 (DE)**

Application

**EP 96101016 A 19960125**

Priority

DE 19505743 A 19950220

Abstract (en)

[origin: EP0727500A1] Metal blocks, in particular, those of steel and alloys on nickel and cobalt basis, are produced by melting of self-consuming electrodes under an electrically conductive slag in an atmosphere of controlled composition. Melting of the electrode takes place in a gas-tight space bounded by the slag bath surface, the wall of a mould (20), and a mould hood (24). Electrode change takes place by removing the hood (24) from the mould and replacing it with another hood (24a). The electrode rod (26) has a gas-tight fit with the hood opening (28).

IPC 1-7

**C22B 9/18**

IPC 8 full level

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CPC (source: EP US)

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**EP 0727500 A1 19960821**; **EP 0727500 B1 20000419**; AT E191936 T1 20000515; DE 19505743 A1 19960822; DE 59604978 D1 20000525; JP 3958384 B2 20070815; JP H08243725 A 19960924; US 5810904 A 19980922

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**EP 96101016 A 19960125**; AT 96101016 T 19960125; DE 19505743 A 19950220; DE 59604978 T 19960125; JP 5850396 A 19960220; US 60073896 A 19960213