

Title (en)

Furnace and method for electroslag refining

Title (de)

Ofen und Verfahren zum Elektroschlackeumschmelzen

Title (fr)

Four et procédé de refusion sous laitier électroconducteur

Publication

**EP 2677046 B1 20180314 (DE)**

Application

**EP 13170502 A 20130604**

Priority

DE 102012210281 A 20120619

Abstract (en)

[origin: EP2677046A1] The furnace (37) has a base frame (38) comprising supports (39) that bear a furnace head (41). An electrode is arranged at the furnace head such that the electrode is melted in a crucible arranged below the furnace head. A transformer (42) is fixedly arranged at the furnace head and supplies electric power for melting the electrode. The supports are formed in a column-shape to form a bearing plane (40) of the furnace head together with horizontal bearings. A contact device (44) is arranged at the furnace head for transmitting the electric power to the electrode. An independent claim is also included for a method for electroslag remelting.

IPC 8 full level

**C22B 9/18** (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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