

Title (en)

Metallurgic vessel, particularly an electric furnace with one or more bottom electrodes.

Title (de)

Metallurgisches Gefäß, insbesondere Elektroofen mit einer oder mehreren Bodenelektroden.

Title (fr)

Réceptier métallurgique en particulier four électrique avec ou plusieurs électrodes de fond.

Publication

EP 0275384 A1 19880727 (DE)

Application

EP 87116369 A 19871106

Priority

DE 3701678 A 19870122

Abstract (en)

[origin: US4843614A] An electrical metallurgical furnace including a vessel and a bottom electrode positioned in the bottom of the vessel. At least one counter contact is provided connected to the bottom electrode. A support is anchored to the vessel connected to the insulation mounting unit. A tension frame is held by the insulation mounting unit. At least one current cable is provided for engagement with a side of the counter contact. A pivot element is provided for supporting the current cable. A biasing apparatus is provided for urging the pivotally supported current cable into contact with the counter contact.

Abstract (de)

Die Stromkabel (7) sind an als Kontaktstücke für den Gegenkontakt (14) an der Bodenelektrode (5) horizontal verschiebbaren Laschen (8) befestigt. Die Laschen (8) sind gelenkig (12) gelagert. Die Aufhängevorrichtung für Stromkabel eignet sich insbesondere für Gleichstrom-Lichtbogenöfen.

IPC 1-7

F27D 11/10; H05B 7/06

IPC 8 full level

F27B 3/08 (2006.01); **F27D 11/10** (2006.01); **H05B 7/06** (2006.01)

CPC (source: EP US)

H05B 7/06 (2013.01 - EP US)

Citation (search report)

- EP 0058817 A1 19820901 - MASCHF AUGSBURG NUERNBERG AG [DE]
- EP 0133925 A1 19850313 - BBC BROWN BOVERI & CIE [CH]

Cited by

EP0428150A1; US5142650A; EP0474883A4; US5410564A; DE4108583A1; EP0512657A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU SE

DOCDB simple family (publication)

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