

Title (en)

Anode for direct current arc furnace.

Title (de)

Anode für einen Gleichstromlichtbogenofen.

Title (fr)

Anode pour un four à arc à courant continu.

Publication

EP 0422406 B1 19940119 (DE)

Application

EP 90117707 A 19900914

Priority

US 42029089 A 19891012

Abstract (en)

[origin: US5052018A] An anode for a d.c. arc furnace is described. The furnace area receiving the melt (2) is provided on the inside with an electrically conductive, refractory lining (8,9,11). The latter is electrically connected to a conductor (12) located on the outside and which has a cylindrical construction and is placed around the electrically conductive lining. The conductor is advantageously fixed to the inside of the steel jacket (3) of the furnace.

IPC 1-7

H05B 7/06; **F27D 11/10**

IPC 8 full level

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

CPC (source: EP US)

H05B 7/06 (2013.01 - EP US)

Cited by

US5371759A; EP0530932A3; EP0530534A1; AU656395B2; TR26545A; DE4126627A1; EP0540832A1; TR26655A; US6331068B1; US6728291B1; WO9305626A1; WO0076275A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0422406 A2 19910417; **EP 0422406 A3 19910626**; **EP 0422406 B1 19940119**; AT E100662 T1 19940215; CA 2027479 A1 19910413; CA 2027479 C 19940816; DE 59004311 D1 19940303; ES 2048384 T3 19940316; TR 25858 A 19930901; US 5052018 A 19910924; ZA 907468 B 19910626

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EP 90117707 A 19900914; AT 90117707 T 19900914; CA 2027479 A 19901012; DE 59004311 T 19900914; ES 90117707 T 19900914; TR 96190 A 19901012; US 42029089 A 19891012; ZA 907468 A 19900919