

Title (en)

CONTACT ELECTRODE FOR FUSION AND HEATING FURNACES WITH DIRECT CURRENT PLASMA HEATING

Publication

EP 0031482 B1 19831116 (DE)

Application

EP 80107583 A 19801204

Priority

DD 21783679 A 19791219

Abstract (en)

[origin: EP0031482A1] 1. A contact electrode for melting and heating furnaces with direct current plasma heating, in which a flow member (4) is provided in a bore (3) in the contact electrode (1) for the supply of a cooling medium, the flow member orifice being situated opposite the end face (6) of the contact electrode, characterized in that the orifice of the flow member (4), which is made from a corrosion resistant material, has a widening (5) such as to ensure uniformly intensive cooling of the end face (6) of the contact electrode (1).

IPC 1-7

H05B 7/06

IPC 8 full level

H05B 7/06 (2006.01); **H05B 7/18** (2006.01)

CPC (source: EP)

H05B 7/06 (2013.01)

Citation (examination)

- DE 2637632 A1 19780223 - SCHELEPOV
- FR 2054750 A5 19710507 - BACCARAT CRISTALLERIES, et al
- FR 1565468 A 19690502

Cited by

EP0133931A1; EP0133652A1; EP0328283A1; US4959525A; FR2558677A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI SE

DOCDB simple family (publication)

EP 0031482 A1 19810708; EP 0031482 B1 19831116; AT E5360 T1 19831215; DE 3065637 D1 19831222; ES 267964 U 19840116; ES 267964 Y 19840801; JP S56132794 A 19811017; YU 311480 A 19820831

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