

Title (en)

Electrode weighing stub

Title (de)

Elektrodenaufhängung mit Wiegeeinrichtung

Title (fr)

Suspension pour électrodes avec dispositif de pesage

Publication

EP 1094123 A1 20010425 (EN)

Application

EP 99308218 A 19991018

Priority

EP 99308218 A 19991018

Abstract (en)

A consumable electrode (14) is suspended by a stub (12). The stub includes upper and lower hangers (40,42) between which is vertically mounted a loadcell (44) for weighing the electrode attached to the lower hanger. An electrical conductor (46) is joined between the upper and lower hangers for carrying electrical current herebetween to power the electrode without damaging the loadcell. <IMAGE>

IPC 1-7

C22B 9/00; F27D 11/08; H05B 7/102

IPC 8 full level

C22B 9/18 (2006.01); **H05B 7/102** (2006.01)

CPC (source: EP)

C22B 9/18 (2013.01); **H05B 7/102** (2013.01)

Citation (search report)

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- [A] DE 1157739 B 19631121 - HERAEUS GMBH W C
- [DA] US 5160532 A 19921103 - BENZ MARK G [US], et al

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Designated contracting state (EPC)

DE GB

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EP 1094123 A1 20010425; **EP 1094123 B1 20050713**; DE 69926129 D1 20050818; DE 69926129 T2 20060511

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