

Title (en)
INDUCTION PLASMA INSTALLATION.

Title (de)
INDUCTION PLASMA ANLAGE.

Title (fr)
INSTALLATION DE PLASMA A INDUCTION.

Publication
EP 0259503 A4 19880714 (DE)

Application
EP 87902862 A 19861215

Priority
SU 4032997 A 19860314

Abstract (en)
[origin: WO8705775A1] An induction plasma installation in which a container (1) for melting a charge is mounted inside an inductor (2) a part of whose turns serve as a first winding (7), to which is connected in parallel one plasmatron (6) or a group of electrically inter connected plasmatrons. The other turns of the inductor (2) serve as a second winding (9) electrically insulated from the first winding (7) and connected to a capacitor bank (3) and to an alternating current source (4).

IPC 1-7
H05B 11/00

IPC 8 full level
C22B 9/20 (2006.01); **H05B 7/18** (2006.01); **H05B 11/00** (2006.01)

CPC (source: EP)
H05B 11/00 (2013.01)

Citation (search report)

- [A] DE 2708227 A1 19770901 - DAIDO STEEL CO LTD
- [A] DE 1055715 B 19590423 - DEGUSSA
- See references of WO 8705775A1

Cited by
CN1130441C

Designated contracting state (EPC)
AT DE GB IT SE

DOCDB simple family (publication)
WO 8705775 A1 19870924; EP 0259503 A1 19880316; EP 0259503 A4 19880714; HU 203009 B 19910429; HU T46175 A 19880928; JP S63502709 A 19881006

DOCDB simple family (application)
SU 8600128 W 19861215; EP 87902862 A 19861215; HU 206386 A 19861215; JP 50245587 A 19861215