

Title (en)

CONTACT JAW FOR AN ELECTRODE HOLDER

Publication

**EP 0201801 A3 19880120 (DE)**

Application

**EP 86105909 A 19860429**

Priority

DE 3517069 A 19850511

Abstract (en)

[origin: US4700356A] A copper contact jaw is insulated from and releasably fastened to an electrode mount (4) of an electric furnace to transfer current from input leads to an electrode (2). A long service life and secure insulation are attained by using hard copper for the contact jaw and by coating the contact jaw, at least at where it faces the electrode mount (4), with a metal adhesion layer and a layer of ceramic insulating material on the adhesion layer.

IPC 1-7

**H05B 7/103**; H05B 7/11

IPC 8 full level

**H05B 7/103** (2006.01)

CPC (source: EP US)

**H05B 7/103** (2013.01 - EP US)

Citation (search report)

- DE 3409180 A1 19840920 - NPP ELEKTROTERMIA [BG]
- FR 2466168 A1 19810327 - ROCHE MAURICE [FR]
- DE 2258052 A1 19730927 - BBC BROWN BOVERI & CIE

Designated contracting state (EPC)

AT CH FR GB IT LI

DOCDB simple family (publication)

**EP 0201801 A2 19861120**; **EP 0201801 A3 19880120**; DE 3517069 A1 19861113; NO 861734 L 19861112; US 4700356 A 19871013

DOCDB simple family (application)

**EP 86105909 A 19860429**; DE 3517069 A 19850511; NO 861734 A 19860502; US 86086286 A 19860508