

Title (en)

ELECTRODE ARRANGEMENT FOR ELECTRICAL DISCHARGE MACHINING AN ELECTRICALLY NON-CONDUCTIVE MATERIAL

Title (de)

ELEKTRODENANORDNUNG FÜR DIE FUNKENEROSIVE BEARBEITUNG EINES ELEKTRISCH NICHTLEITENDEN MATERIALS

Title (fr)

ENSEMBLE ÉLECTRODE POUR L'USINAGE PAR ÉLECTROÉROSION D'UNE MATIÈRE NON ÉLECTROCONDUCTRICE

Publication

**EP 1998923 A1 20081210 (DE)**

Application

**EP 07726407 A 20070216**

Priority

- EP 2007051519 W 20070216
- EP 06006139 A 20060324
- EP 07726407 A 20070216

Abstract (en)

[origin: EP1837113A1] Electrode arrangement (3) comprises a first component for cutting away an electrically non-conducting material (1) and a second component for depositing an electrically conducting substance (7) onto the non-conducting material. An independent claim is also included for a method for the electrical discharge machining of an electrically non-conducting material. Preferred Features: The two components are chemically and/or physically different compounds, preferably metals. The first component is an eroding electrode (3a) and the second component is a depositing electrode (3b).

IPC 8 full level

**B23H 1/06** (2006.01); **B23H 9/10** (2006.01); **B23H 9/14** (2006.01)

CPC (source: EP US)

**B23H 1/06** (2013.01 - EP US); **B23H 9/00** (2013.01 - EP US); **B23H 9/10** (2013.01 - EP US); **B23H 9/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2007110280A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1837113 A1 20070926**; CN 101410213 A 20090415; EP 1998923 A1 20081210; JP 2009530123 A 20090827; US 2009200274 A1 20090813; WO 2007110280 A1 20071004

DOCDB simple family (application)

**EP 06006139 A 20060324**; CN 200780010618 A 20070216; EP 07726407 A 20070216; EP 2007051519 W 20070216; JP 2009500798 A 20070216; US 22551607 A 20070216