

Title (en)

ELECTRODE GUIDE FOR SPARK-EROSION MACHINES AND A METHOD FOR THE SPARK-EROSION OF WORKPIECES

Title (de)

ELEKTRODENFÜHRUNG FÜR ERODIERMASCHINEN SOWIE VERFAHREN ZUM ERODIEREN VON WERKSTÜCKEN

Title (fr)

GUIDE-ELECTRODE DESTINE A DES MACHINES D'USINAGE PAR ELECTRO-EROSION ET PROCEDE D'USINAGE DES PIECES PAR ELECTRO-EROSION

Publication

**EP 1353772 A1 20031022 (DE)**

Application

**EP 02708160 A 20020125**

Priority

- DE 0200260 W 20020125
- DE 10103292 A 20010125
- DE 20120252 U 20010125

Abstract (en)

[origin: WO02058875A1] The invention relates to an electrode guide and to a method for the spark-erosion of workpieces. Said electrode guide (1), consisting of a two-piece prism-shaped (2, 3) guide with a pretensioning device (6), enables an electrode (4) to be guided in a play-free manner, thus allowing the production of bores that is accurate to within 1  $\mu$  m. A pivoting device (10) for pivoting the electrode guide and an alignment device (14) for the parallel displacement of said electrode guide (1) are also provided, enabling the production of conical bores.

IPC 1-7

**B23H 7/10**; **B23H 7/26**; **B23H 9/14**

IPC 8 full level

**B23H 9/14** (2006.01); **B23H 7/10** (2006.01); **B23H 7/26** (2006.01)

CPC (source: EP KR US)

**B23H 7/10** (2013.01 - KR); **B23H 7/105** (2013.01 - EP US); **B23H 7/265** (2013.01 - EP US)

Citation (search report)

See references of WO 02058875A1

Citation (examination)

FR 2791588 A1 20001006 - SNECMA [FR]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 20120252 U1 20020523**; CN 100415429 C 20080903; CN 1489502 A 20040414; EP 1353772 A1 20031022; JP 2004516951 A 20040610; KR 20030072387 A 20030913; US 2004056004 A1 20040325; US 7009134 B2 20060307; WO 02058875 A1 20020801

DOCDB simple family (application)

**DE 20120252 U 20010125**; CN 02804181 A 20020125; DE 0200260 W 20020125; EP 02708160 A 20020125; JP 2002559198 A 20020125; KR 20037009806 A 20030724; US 62434103 A 20030722