

Title (en)  
DEVICE FOR GRINDING THE POINTS OF TUNGSTEN ELECTRODES

Publication  
**EP 0385069 B1 19930519 (DE)**

Application  
**EP 90100683 A 19900113**

Priority  
DE 8902380 U 19890301

Abstract (en)  
[origin: EP0385069A2] The invention relates to a device for grinding the points of tungsten electrodes, with a driven grinding wheel and an electrode holder for an electrode rotatably mounted therein about its axis, the electrode holder being arranged on a rotary plate, and the rotary plate being pivotable about an axis orthogonal relative to the axis of the grinding wheel and also being advanceable in the direction of the axis of the grinding wheel. In order to reduce the effect of deformations of the tungsten electrodes during the grinding of the electrode point, the electrode holder is to have a support for a collet accommodating the electrode, the support having fixed abutments for the collet end remote from the electrode and for the free electrode end and also a counterstay acting in the centre area of the collet and pressing the collet against the fixed abutments. <IMAGE>

IPC 1-7  
**B24B 19/16**

IPC 8 full level  
**B24B 19/16** (2006.01)

CPC (source: EP US)  
**B24B 19/16** (2013.01 - EP US)

Citation (examination)  
SOVIET INVENTIONS ILLUSTRATED Sektion Mechanik, Woche 8811, Zusammenfassung Nr. 076041, M23, 17. März 1988, Derwent Publications, London, GB, & SU-A-1328163 (PONOMAREV KE)

Cited by  
JPH0460386U; FR2747332A1; US9579770B2; US9573237B2; US6645055B1; WO0027588A1

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**DE 8902380 U1 19890420**; DE 59001464 D1 19930624; EP 0385069 A2 19900905; EP 0385069 A3 19910109; EP 0385069 B1 19930519; JP H02279266 A 19901115; JP H0710489 B2 19950208; US 5001868 A 19910326

DOCDB simple family (application)  
**DE 8902380 U 19890301**; DE 59001464 T 19900113; EP 90100683 A 19900113; JP 4601090 A 19900228; US 48749490 A 19900301