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(54) Title: MATERIALS PURIFICATION BY TREATMENT WITH HYDROGEN-BASED PLASMA

(57) Abstract: The present invention relates to a purification method for removing oxygen from materials, especially boron, by hydrogen-based plasma treatment.

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2006/004692

**A. CLASSIFICATION OF SUBJECT MATTER**  
 INV. B01D53/32 C01B35/02 B01D53/46

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**  
 Minimum documentation searched (classification system followed by classification symbols)  
 B01D C01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
 EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

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X	US 3 783 167 A (KAZIMIERZ TYLKO J) 1 January 1974 (1974-01-01) column 9, line 43 - column 10, line 16 column 10, line 39 - line 42 column 11, line 53 - line 56 column 13, line 23 - line 47	1,4-14
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Further documents are listed in the continuation of Box C.

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- \*&\* document member of the same patent family

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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Eijkenboom, Thomas

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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