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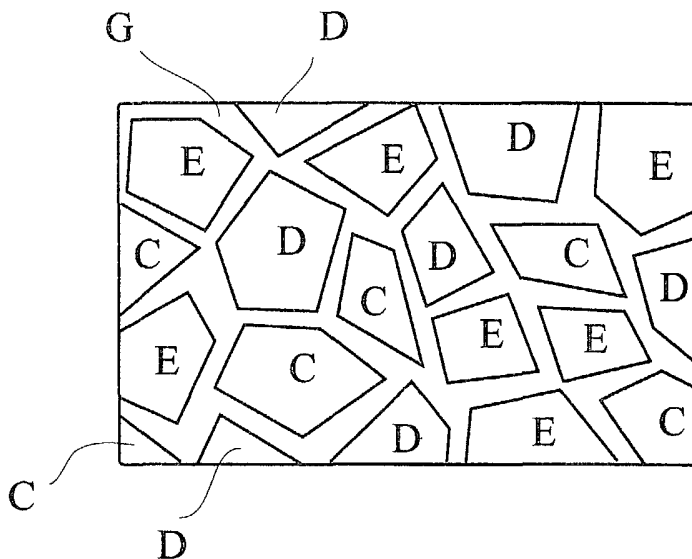
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[Continued on next page]

(54) Title: COATINGS OF  $M_{n+1}AX_n$  MATERIAL FOR ELECTRICAL CONTACT ELEMENTS



(57) Abstract: An element for making an electric contact to a contact member (5, 15, 19, 41) for enabling an electric current to flow between said element and said contact member, said element (3, 14, 42) comprising a body (6) having at least a contact surface (2, 4, 16, 43, 44) thereof coated with a contact layer applied against said contact member. The contact layer comprises a film comprising a multielement material with equal or similar composition as any of a layered carbide or nitride that can be described as  $M_{n+1}AX_n$ , where M is a transition metal or a combination of a transition metals, n is 1, 2, 3 or higher, A is an group A element or a combination of a group A element, element and X is Carbon, Nitrogen or both.

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International application No.

PCT/IB 2004/003390

## A. CLASSIFICATION OF SUBJECT MATTER

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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)

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

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03046247 A1 (ISBERG, PETER ET AL), 5 June 2003 (05.06.2003)  --	1-59
A	US 20020000598 A1 (SANG-BOM KANG ET AL), 3 January 2002 (03.01.2002), paragraphs 8-21  -- -----	1-56

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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- "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

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WO	03046247	A1	05/06/2003	AU	2002365543 A	00/00/0000
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