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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: MOLYBDENUM ENDOPROSTHESES

(57) Abstract: An endoprosthesis can have a member that includes molybdenum and at least one metal selected from the group consisting of titanium, rhenium, yttrium, palladium, rhodium, ruthenium, tungsten, tantalum, iridium, zirconium, hafnium, niobium, chromium, and combinations thereof. The member can have a microstructure characterized by: (a) a molybdenum-rich base region comprising at least 50 weight percent molybdenum, (b) a surface region comprising at least one metal selected from the group consisting of titanium, rhenium, yttrium, palladium, rhodium, ruthenium, tungsten, tantalum, iridium, zirconium, hafnium, niobium, chromium, and combinations thereof, and (c) an inter-diffusion region in which the concentration of molybdenum decreases in the thickness direction from the molybdenum-rich base region to the surface region of the member.



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INTERNATIONAL SEARCH REPORT

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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

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

EPO-Internal, WPI Data, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/082362 A (SCIMED LIFE SYSTEMS INC [US]) 9 October 2003 (2003-10-09) paragraphs [0005], [0010] - [0012]; [0024] - [0026], [0028], [0033] - [0036], [0042], [0043], [0045], [0046] claims 9-14, 16-19	1-7, 9, 11, 12, 18, 24
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Y	P.P.KARJALAINEN ET AL.: "Real world experience with the TITAN stent: a 9-month follow-up report from The Titan PORI Registry" EUROINTERVENTION, vol. 2, 2006, pages 187-191, XP002546688 page 188, left-hand column, paragraphs 1, 4 page 190, right-hand column, paragraph 2 ----- -/--	1-32

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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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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INTERNATIONAL SEARCH REPORT

Information on patent family members

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