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For two-letter codes and other abbreviations, refer to the "Guidance
Notes on Codes and Abbreviations" appearing at the beginning
of each regular issue of the PCT Gazette.

(54) Title: ALLOY COMPOSITIONS AND DEVICES INCLUDING THE COMPOSITIONS

(57) Abstract: Alloy compositions, including devices and instruments that include the compositions, are disclosed. The compositions have high hardness, strength, corrosion resistance, and biocompatibility. The compositions can be used to manufacture, for example, medical devices and products.

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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61L27/04 A61L31/02

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)
IPC 7 A61L

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, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 239 494 A (AICHI STEEL CORPORATION) 11 September 2002 (2002-09-11) abstract [0059] claim 1	1,13,41, 51
X	----- DATABASE WPI Section Ch, Week 200355 Derwent Publications Ltd., London, GB; Class L03, AN 2003-581533 XP002323841 & JP 2003 166026 A (DENKI JIKI ZAIRYO KENKYUSHO) 13 June 2003 (2003-06-13) abstract ----- -/--	1,22-25, 41

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "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
- "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

Date of the actual completion of the international search

8 April 2005

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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.
X	DATABASE WPI Section Ch, Week 198622 Derwent Publications Ltd., London, GB; Class M26, AN 1986-140929 XP002323842 & JP 61 076634 A (TOKURIKI HONTEN KK) 19 April 1986 (1986-04-19) abstract -----	1,10,13, 41
X	DATABASE WPI Section Ch, Week 198439 Derwent Publications Ltd., London, GB; Class M26, AN 1984-240249 XP002323843 & JP 59 143032 A (MITSUBISHI METAL CORP) 16 August 1984 (1984-08-16) abstract -----	41,42, 44-49,52
Y	WO 02/078764 A (SCIMED LIFE SYSTEMS, INC) 10 October 2002 (2002-10-10) page 4, line 21 - page 5, line 8 page 12 claims 1-18 -----	1-26, 41-59
P,Y	WO 2004/062707 A (SCIMED LIFE SYSTEMS, INC) 29 July 2004 (2004-07-29) claims 1-51 -----	1-26, 41-59

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/034580

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-26, 41-49

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-26, 41-49

Alloys containing less than about 22 % Cr, less than about 4 % Mo, greater than 50% Pt, and Fe; and medical devices made from such alloys.

2. claims: 27-40

A medical device made from an alloy comprising stainless steel and greater than about 50% of one of first elements selected from the group consisting of Pt, Pd, Ir, Rh, Au, Ag and Pb.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/US2004/034580

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