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Published:

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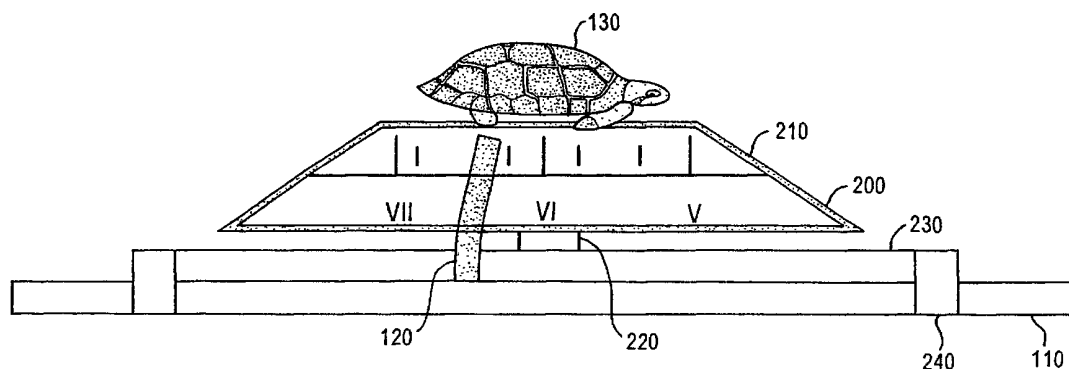
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A WATCH WITH ROTATING CONICAL BANDS AND WITH REMOVABLE OBJECTS



(57) Abstract: A timepiece, such as a watch, has a plurality of concentric rotating bands (200, 210), viewable from both above and from the side so that a viewer may read the time without changing the orientation of the timepiece. The timepiece has an attachment mechanism that permits the removable attachment of objects, such as sculptures or other ornamental pieces (130) to the surface of the timepiece.



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INTERNATIONAL SEARCH REPORT

International Application No

PC1/US 00/19728

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G04B19/21 G04B47/04 G04B45/00

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 G04B

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, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 444 392 A (WILLENS) 29 June 1948 (1948-06-29) the whole document ---	1-3,5,6
X	CH 666 979 A (SPADINI) 15 September 1988 (1988-09-15) page 3, right-hand column, line 12 - line 54; figure ---	1,2,4,5,7
X	DE 89 13 993 U (HSU) 8 February 1990 (1990-02-08) page 4, line 12 - page 5, line 25; figures 1,2 ---	1,4
A	US 4 525 077 A (KETNER EUGENE N) 25 June 1985 (1985-06-25) column 3, line 26 - line 51; figure 1 --- -/--	1,5,6

☒ 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

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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.

Z document member of the same patent family

Date of the actual completion of the international search

7 February 2001

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INTERNATIONAL SEARCH REPORT

International Application No

PC1/US 00/19728

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 654 717 A (EBAUCHESFABRIK ETA AG) 24 May 1995 (1995-05-24) column 3, line 43 -column 4, line 2; figures ----	8,9, 17-19
X	US 4 817 064 A (MILLES VICTOR A) 28 March 1989 (1989-03-28) abstract; figure 1 ----	8,17-19
A	US 4 393 558 A (HERWEGH KARL J ET AL) 19 July 1983 (1983-07-19) abstract; figures -----	9-12,14, 15

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 00/19728

Box I Observations where certain claims were found unsearchable (Continuation of item 1 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 II Observations where unity of invention is lacking (Continuation of item 2 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.:

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: 1-7

Time display comprising rotating cylindrical or conical bands for indicating time.

2. Claims: 8-19

Timepiece having a visible surface and a mounting mechanism on said surface for removably attaching an object.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 00/19728

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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