

Title (en)

ELECTRONIC WATCH, IN PARTICULAR WRIST WATCH, WITH DIGITAL DISPLAY AND GEOGRAPHIC-SOLAR FUNCTIONS

Publication

**EP 0042360 A3 19811230 (FR)**

Application

**EP 81810235 A 19810610**

Priority

CH 445380 A 19800610

Abstract (en)

[origin: US4479722A] In order to provide easily accessible knowledge of the correlations between time, the geographical locale and the solar positions, the watch in question in addition to time-keeping means capable of displaying the current time (8.46A) also provides means capable of storing, processing in a microprocessor mode and displaying in a particular panel mode data of solar elevation and azimuth (h 35.4) as well as date data (11 27), a computer performing correlating operations between these various values. Pushbuttons (BPH', BPM', BPB') allow using this watch in various operational and correction situations, and other pushbuttons (BPH, BPM, BPB) allow more specific commands for correction, for search operations regarding date and place based on the solar data, for storage and call from memory of the various processed data. This watch can easily be implemented as a small wrist watch. It will be advantageously used by those interested in knowing the solar positions, by solar facility engineers, architects, airline pilots, believers in the Moslem faith etc.

IPC 1-7

**G04G 9/00**

IPC 8 full level

**G04G 99/00** (2010.01); **G04G 9/00** (2006.01)

CPC (source: EP US)

**G04G 9/0076** (2013.01 - EP US)

Citation (search report)

- US 4077032 A 19780228 - VOLKMAN S ALAN
- JP 2000447878 A
- DE 2742242 A1 19790322 - ROETHKE ERNST ING GRAD
- FR 2295470 A1 19760716 - SEIKO INSTR & ELECTRONICS [JP]
- FR 2327583 A1 19770506 - SEIKO INSTR & ELECTRONICS [JP]
- FR 2282130 A1 19760312 - BULOVA WATCH CO INC [US]
- US 4136397 A 19790123 - PIERCE DARREL J

Cited by

EP0154096A3; FR2643473A1; EP0400542A3; EP0660205A1; CH686469GA3; US5598381A; WO2012059887A1

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