Title (en)

PORTABLE NAVIGATION APPARATUS AND NAVIGATION METHOD FOR SPORTSMAN

Title (de)

TRAGBARES NAVIGATIONSGERÄT UND NAVIGATIONSVERFAHREN FÜR SPORTLER

Title (fr)

APPAREIL DE NAVIGATION PORTABLE ET PROCEDE DE NAVIGATION POUR SPORTIF

Publication

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Application

EP 98931878 A 19980720

Priority

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- CH 180697 A 19970728

Abstract (en)

[origin: WO9906798A1] The invention concerns a portable navigation apparatus comprising a data memory wherein are stored data related to the description of a predetermined geographical region, a display system for displaying said data in the form of a map, a GPS unit for receiving GPS satellite signals, a logic for processing said signals, a central computer unit for displaying the apparatus geographical position in accordance with the GPS signals, a control device, a power supplying device and a case. Said navigation apparatus is characterised in that it further comprises a data-receiving system for reception without contact of data related to the description of a predetermined geographical region. The invention also concerns a navigation method which implies being equipped with such a portable navigation apparatus which enables, by selecting an operational mode by actuating the control device, the display of said data on a screen, in the form of a map, and, by receiving GPS satellite signals by means of a GPS unit and also by processing said signals by means of a logic, the display, at will, of the geographical position of the navigation apparatus in accordance with the GPS signals and/or personal data concerning the sportsman himself, data related to the description of the predetermined geographical position being loaded without contact in the data memory, by means of a data reception system. The navigation apparatus enables in different embodiments to practise sports, such as ski-ing, orienteering, hiking, mountaineering, swimming, diving, surfing and paraflying or hang gliding in an unfamiliar environment.

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