

Title (en)

DEVICE FOR SELF-MONITORING AND DIAGNOSIS WHEN DIVING WITHOUT AN AQUALUNG

Title (de)

VORRICHTUNG FÜR SELBSTÜBERWACHUNG UND DIAGNOSE BEIM TAUCHEN OHNE TAUCHERGERÄT

Title (fr)

DISPOSITIF D'AUTOCONTROLE ET DE DIAGNOSTIC POUR PLONGEUR EN APNEE

Publication

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Application

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Abstract (en)

[origin: WO2007080303A1] The invention relates to a method and device for self-monitoring and diagnosis when diving underwater without an aqualung. To automatically detect a risk of syncope during a dive, the method according to the invention involves analysing the speed of desaturation of the oxygen haemoglobin saturation rate (SpO<sub>2</sub>) which is established as a function of the slope of said variation near the rate in question at a given time. The means for recording and measuring the oxygen haemoglobin saturation rate (SpO<sub>2</sub>) and the heart rate is contained in a diver's glove, holding it against the relevant part of the body at a temperature sufficient to record a reliable signal pulse.

IPC 8 full level

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