

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

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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 (SpO₂) 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 (SpO₂) 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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