

Title (en)

DIGITAL DECOMPRESSEMENTER WITH VARIABLE PERFUSIONS AND METHOD FOR EFFECTING IT

Publication

EP 0193546 B1 19900207 (FR)

Application

EP 85904004 A 19850816

Priority

FR 8412952 A 19840816

Abstract (en)

[origin: FR2569158A1] The decompressometer is intended to take into account the exercise of the diver and/or the temperature of the ambient medium to determine more accurately the optimum decompression program. Thus, the determination process in real time of the decompression program of a diver or a hyperbar worker comprises essentially: - measuring during exposure the time and the ambient pressure, - measuring and/or determining also during exposure at least one of the following additional parameters: 1) perfusion of one or a plurality of tissues, 2) heart flowrate, 3) pulmonar ventilation, 4) oxygen consumption, 5) heart pulse rate, 6) ambient temperature, - and deducing an estimation of the saturation stages of a diver and the appropriate decompression program.

IPC 1-7

B63C 11/32

IPC 8 full level

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CPC (source: EP)

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Cited by

GB2439347A; RU205882U1; DE19639394A1; DE19639394C2; WO9813255A1

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FR 2569158 A1 19860221; **FR 2569158 B1 19861219**; DE 3575896 D1 19900315; EP 0193546 A1 19860910; EP 0193546 B1 19900207; JP S62500492 A 19870305; WO 8601172 A1 19860227

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FR 8412952 A 19840816; DE 3575896 T 19850816; EP 85904004 A 19850816; FR 8500222 W 19850816; JP 50357285 A 19850816