

Title (en)

PROCESSES AND DEVICES FOR REGULATING THE PARTIAL PRESSURE OF OXYGEN OF THE GAS MIXTURE IN A RESPIRATORY CIRCUIT OF A DIVER

Publication

EP 0025444 B1 19830803 (FR)

Application

EP 80900493 A 19801008

Priority

- FR 7907137 A 19790321
- FR 7924850 A 19791005

Abstract (en)

[origin: WO8002016A1] Regulation of the oxygen partial pressure in the closed respiratory circuit of a diver. A sample of the circuit gas mixture is continuously taken; it is sent to the watch chamber (2) where the oxygen partial pressure thereof is measured and an electrical control signal is generated if the pressure measured becomes lower than an order value, and said signal is used to provoke an injection to the diver (4) of a determined amount of a gas mixture rich in oxygen. Application to diving in deep water.

IPC 1-7

B63C 11/18

IPC 8 full level

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CPC (source: EP US)

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