

Title (en)
DIVING REBREATHING APPARATUS COMPRISING A MOUTHPIECE

Title (de)
KREISLAUFTAUCHGERÄT MIT EINEM MUNDSTÜCK

Title (fr)
RESPIRATEUR À RECIRCULATION MUNI D'UN EMBOUT

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Application
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Abstract (en)
[origin: WO2011104327A1] The invention relates to a diving rebreather comprising a mouthpiece (1) which is connected to a respiratory gas circuit (26) via an inhalation tube (3) and an exhalation tube (2), wherein at least one gas sensor for measuring the partial pressure of a respiratory gas component is arranged in the respiratory gas circuit (26). In order to avoid error sources during the measurement of the partial pressure of the respiratory gas component to the greatest extent possible, the gas sensor is designed as a solid electrolyte sensor, wherein at least one solid electrolyte sensor is arranged in the mouthpiece (1).

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