

Title (en)

Expansion valve for scuba diver breathable gas supply

Title (de)

Gasexpansionvorrichtung für Tauchergaszufuhr

Title (fr)

Dispositif de détente pour alimentation en gaz respirable d'un plongeur

Publication

EP 1889780 B1 20090318 (FR)

Application

EP 07301274 A 20070726

Priority

FR 0653374 A 20060816

Abstract (en)

[origin: EP1889780A1] The device has a casing (1) with an exhalation orifice comprising an exhalation valve (4), where the orifice is placed at proximity of a lower end of the casing. A deflector (5) has a tubular shape and an end (15) that is open and forms an exhaled gas outlet located concentrically around a part of a pipe (6). The pipe is connected to the casing at a level of an inlet orifice (21) via a connection part (7) which is made of a heat conductive material. The part (7) is placed inside a portion of the deflector. A gas outlet orifice (2) is located at proximity of an upper end of the casing.

IPC 8 full level

B63C 11/22 (2006.01)

CPC (source: EP US)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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