

Title (en)

FUEL ECONOMIZER FUEL VAPOR SYSTEM FOR INTERNAL COMBUSTION ENGINE

Title (de)

BRENNSTOFFSPARENDES BRENNSTOFFDAMPFSYSTEM FÜR VERBRENNUNGSMOTOREN

Title (fr)

SYSTÈME DE VAPORISATION DE CARBURANT À ÉCONOMISEUR DE CARBURANT POUR MOTEUR À COMBUSTION INTERNE

Publication

EP 2488742 A2 20120822 (EN)

Application

EP 10824074 A 20101014

Priority

- US 25198609 P 20091015
- US 65298610 A 20100106
- US 79162410 A 20100601
- US 2010052617 W 20101014

Abstract (en)

[origin: US2011091286A1] A trim and position control device and method comprising a generally ring-shaped, continuous and unbroken weight formed with a central elongated opening therethrough. The opening is preferably shaped like an elliptical diamond and enables placement of the weight over a pillar valve and pillar valve rotatable pressure control handle onto the top surface of a diving tank. The bottom surface of the weight is preferably concave to promote proper nesting upon the top surface of the diving tank. The weight is secured in place by the connection of a primary stage regulator to the pillar valve of the diving tank, wherein the primary stage regulator is connected to a buoyancy compensator device and second stage regulator. This prevents the weight from being inadvertently detached. The weight enables a diver to maintain desired trim and position in conjunction with the inflation of the buoyancy compensator device.

IPC 8 full level

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