Title (en)
FUEL SUPPLY MODULE

Title (de)
KRAFTSTOFFZUFUHRMODUL

Title (fr)
MODULE D ALIMENTATION EN CARBURANT

Publication
EP 2256331 B1 20160511 (EN)

Application
EP 09726346 A 20090310

Priority
• JP 2009054508 W 20090310
• JP 2008080572 A 20080326

Abstract (en)
[origin: EP2256331A1] A fuel supply module (M) is provided that includes a mounting base member (2) mounted on a fuel tank (T) and having a fuel takeoff pipe (12) projecting from an upper face, an electric pump (Ep) that is supported by the mounting base member (2), is housed within the fuel tank (T), and feeds fuel within the fuel tank (T) to the fuel takeoff pipe (12), and a regulator valve (R) having a valve tube (37) retained in the mounting base member (2) and regulating the discharge pressure of the electric pump (Ep), wherein formed on the mounting base member (2) are a retaining tube (57) and a surrounding wall (59) surrounding the retaining tube (57) via a gap (58), at least part of the valve tube (37) of the regulator valve (R) being press-fitted into the retaining tube (57). Thus a quiet fuel supply module can be provided by preventing as much as possible vibration due to opening and closing of a valve body in a regulator valve from being transmitted to a mounting base member.

IPC 8 full level
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CPC (source: EP)
F02M 37/0029 (2013.01); **F02M 37/103** (2013.01)

Cited by
EP2808531A1; FR3006383A1

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