

Title (en)

Valve assembly for a fuel supply system and fuel supply system

Title (de)

Ventilanordnung für eine Kraftstoffversorgungsanlage und Kraftstoffversorgungsanlage

Title (fr)

Agencement de vannes pour une installation d'alimentation en carburant et installation d'alimentation en carburant

Publication

**EP 2835526 B1 20160928 (DE)**

Application

**EP 14180094 A 20140806**

Priority

DE 102013013231 A 20130808

Abstract (en)

[origin: JP2015034552A] PROBLEM TO BE SOLVED: To provide a fuel supply device of an internal combustion engine constituted as a diesel engine for a ship, and a valve assembly (10), in particular, for a common rail fuel supply device. SOLUTION: A valve assembly (10) has a pilot valve (11), a main valve (12) and a pressure regulation valve (13). The main valve (12) can be connected to a high-pressure region (15) of a fuel supply device by pressure connecting portions (16, 17) so that the pilot valve (11), the main valve (12) and the pressure regulation valve (13) can be connected to be automatically operated according to a pressure in a low pressure region (14) and/or a pressure of the high pressure region (15), and the pilot valve (11) and the pressure regulation valve (13) can be connected to the low pressure region (14) of the fuel supply device by pressure connecting portions (20, 21).

IPC 8 full level

**F02M 63/00** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)

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DE 102013013231 A1 20150212; JP 2015034552 A 20150219; JP 6483372 B2 20190313; KR 102125102 B1 20200619;  
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