

Title (en)

FUEL ACCUMULATOR BLOCK FOR TESTING HIGH-PRESSURE COMPONENTS OF FUEL INJECTION SYSTEMS

Title (de)

KRAFTSTOFFSPEICHERBLOCK ZUR PRÜFUNG VON HOCHDRUCKKOMPONENTEN VON KRAFTSTOFFEINSPRITZEINRICHTUNGEN

Title (fr)

BLOC D'ACCUMULATION DE CARBURANT POUR L'ESSAI DE COMPOSANTS HAUTE PRESSION DE DISPOSITIFS D'INJECTION DE COMBUSTIBLE

Publication

**EP 2614246 B1 20170301 (DE)**

Application

**EP 11740865 A 20110720**

Priority

- DE 102010040541 A 20100910
- EP 2011062433 W 20110720

Abstract (en)

[origin: WO2012031813A1] The invention relates to a fuel accumulator block for testing high-pressure components of fuel injection systems. The fuel accumulator block comprises an accumulator body (10) and at least one pressure control valve (13), which is accommodated in a receptacle (23) in the accumulator body (10). The accumulator body (10) is connected to a test line (51) for a test medium and to a cooling line (61) for a cooling medium. Inside the accumulator body (10), a test line system (20) for the test medium and a cooling line system (30) for the cooling medium are provided. The cooling line system (30) has at least one section which runs close to the receptacle (23) for the pressure control valve (13).

IPC 8 full level

**F02M 53/00** (2006.01); **F02M 55/02** (2006.01); **F02M 63/02** (2006.01); **F02M 65/00** (2006.01)

CPC (source: EP US)

**F02M 53/00** (2013.01 - EP US); **F02M 59/44** (2013.01 - US); **F02M 65/00** (2013.01 - EP US); **F02M 65/001** (2013.01 - EP US); **F02M 65/002** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102010040541 A1 20120315**; BR 112013005556 A2 20160503; BR 112013005556 B1 20210105; CN 103080529 A 20130501; CN 103080529 B 20170308; EP 2614246 A1 20130717; EP 2614246 B1 20170301; US 2013220275 A1 20130829; US 9388781 B2 20160712; WO 2012031813 A1 20120315

DOCDB simple family (application)

**DE 102010040541 A 20100910**; BR 112013005556 A 20110720; CN 201180043408 A 20110720; EP 11740865 A 20110720; EP 2011062433 W 20110720; US 201113821909 A 20110720