

Title (en)

High pressure fuel injection device for an internal combustion engine, especially an Otto engine

Title (de)

Hochdruck-Kraftstoffeinspritzvorrichtung für eine Brennkraftmaschine, insbesondere Otto-Motor

Title (fr)

Dispositif d'injection de combustible à haute pression pour moteurs à combustion interne, notamment pour moteurs Otto

Publication

EP 0915253 B1 20031126 (DE)

Application

EP 98117925 A 19980922

Priority

DE 19748593 A 19971104

Abstract (en)

[origin: EP0915253A2] A connection (5) is provided for a fuel high pressure accumulator (7) arranged on the engine housing (6) by means of a pin union and connected to a tolerance-compensating elastic sealing component (8). The high pressure accumulator with an injector (4) releasably held on the connection (5) forms an assembly unit (9). The injection nozzle arranged on stops in or on the engine housing over the fixed high pressure accumulator is tensioned by a force-transmitting spring component (14).

IPC 1-7

F02M 61/14; **F02M 55/02**

IPC 8 full level

F02M 55/02 (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP)

F02M 55/025 (2013.01); **F02M 61/14** (2013.01)

Cited by

EP1094217A3; EP1482169A3; EP1388665A3; EP1906005A1; JP2008514861A; US7802559B2; US10167831B2; WO2006037726A3; WO03006818A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19748593 A1 19990506; DE 59810257 D1 20040108; EP 0915253 A2 19990512; EP 0915253 A3 20030102; EP 0915253 B1 20031126; ES 2210638 T3 20040701

DOCDB simple family (application)

DE 19748593 A 19971104; DE 59810257 T 19980922; EP 98117925 A 19980922; ES 98117925 T 19980922