

Title (en)
TEST BENCH FOR TESTING FLUID PUMPS AND FLUID INJECTORS

Title (de)
PRÜFSTAND ZUM PRÜFEN VON FLUIDPUMPEN UND FLUIDINJEKTOREN

Title (fr)
BANC D'ESSAI POUR TESTER DES POMPES À FLUIDE ET DES INJECTEURS DE FLUIDE

Publication
EP 2593662 B1 20160810 (DE)

Application
EP 11723084 A 20110606

Priority
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• EP 2011059277 W 20110606

Abstract (en)
[origin: WO2012007229A1] A test bench (2) for testing a fluid injection pump (8) and/or a fluid injector (10) has an apparatus for conditioning a test fluid which is used for testing. The apparatus has a tank (4) which is configured for receiving and storing the test fluid, a first fluid removal line (6) which is configured for removing test fluid from the tank (4) and feeding it to the fluid injection pump (8), and a cooling circuit (12) for cooling the test fluid which is stored in the tank (4). The cooling circuit (12) has a second fluid removal line (14) and a return line (18). The fluid removal line (14) is configured for removing test fluid from the tank (4) and is connected to a heat exchanger (16) which is configured for cooling the test fluid which is removed from the tank (4). The return line (18) is connected to the heat exchanger (16) and is configured to guide the test fluid out of the heat exchanger (16) back into the tank (4).

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