

Title (en)

SEAM TEST ON A FUEL INJECTION PUMP, AND THE FUEL INJECTION PUMP REQUIRED FOR APPLYING SAME

Title (de)

VERFAHREN ZUR DICHTHEITSPRÜFUNG BEI EINER KRAFTSTOFFEINSPRITZPUMPE UND KRAFTSTOFFEINSPRITZPUMPE ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

CONTROLE D'ETANCHEITE SUR UNE POMPE A INJECTION DE COMBUSTIBLE, ET POMPE A INJECTION DE COMBUSTIBLE REQUISE POUR L'APPLICATION DE CETTE METHODE DE CONTROLE

Publication

EP 0883741 A1 19981216 (DE)

Application

EP 97943747 A 19970909

Priority

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- DE 19653055 A 19961219

Abstract (en)

[origin: DE19653055C1] The seal checking process is applied to a pump casing which can be inserted in the engine casing. The exit (44) of the fuel injection pump, which comes out into an annular cavity isolated by sealing rings and is normally relieved via a line (28), is sealed. The sealing is effected using a plastically deformable substance which softens when heated. Due to its plasticity it deforms into a hermetic seal of the annular cavity against the interior of the fuel injection pump, so that test pressure can be applied to the annular space via the line.

IPC 1-7

F02M 65/00; **F02M 57/02**; **F02M 59/36**; **G01M 3/28**

IPC 8 full level

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CPC (source: EP KR US)

F02M 39/00 (2013.01 - EP US); **F02M 55/00** (2013.01 - EP US); **F02M 57/02** (2013.01 - EP US); **F02M 59/366** (2013.01 - EP US); **F02M 65/00** (2013.01 - EP KR US); **F02M 65/006** (2013.01 - EP US)

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