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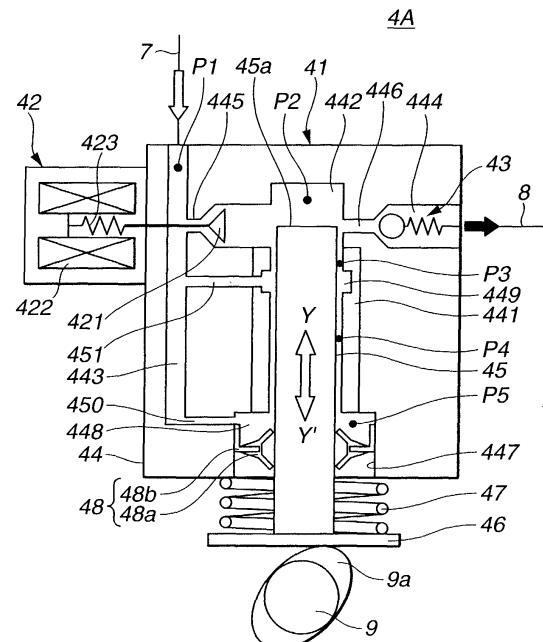
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(54) Fuel pump

(57) A fuel pressure pump has a cylinder. A plunger is slidably received in the cylinder to define at one end of the cylinder a pressure chamber. The pressure chamber presses a fuel therein when the plunger moves in a direction to reduce a volume of the pressure chamber. A fuel supply passage is provided through which the fuel is led to the pressure chamber. A seal member is provided at a position other than a position where an inner surface of the cylinder and an outer surface of the plunger are slidably engaged. The seal member functions to make a hermetical sealing between the inner surface of the cylinder and the outer surface of the plunger. A first fuel holding space is defined by the inner surface of the cylinder, the outer surface of the plunger and the seal member. A first connection passage is provided that connects the first fuel holding space and the fuel supply passage.

FIG.2





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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1 The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
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X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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