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(54) **A system for reducing fuel consumption in combustion engines**

(57) A system for reducing fuel consumption in combustion engines is described, which may be installed between the flange and the fuel filter, by means of which a reduction in the excess of pressure in the primary filter is achieved, which entails a consequent reduction of the amount of fuel going to the injection fuel pump. The system consists of three perforated plates for the passage

of fuel, a pair of pistons provided for supplying pressure to the inside of the reducer system, a safety valve for moving the piston, and a spring for each piston, which keeps each one under tension and in its position. The system is applicable with diesel or "bunker" fuel. The fuel reduction achieved is within the range of 10 to 60% in comparison with current consumption.

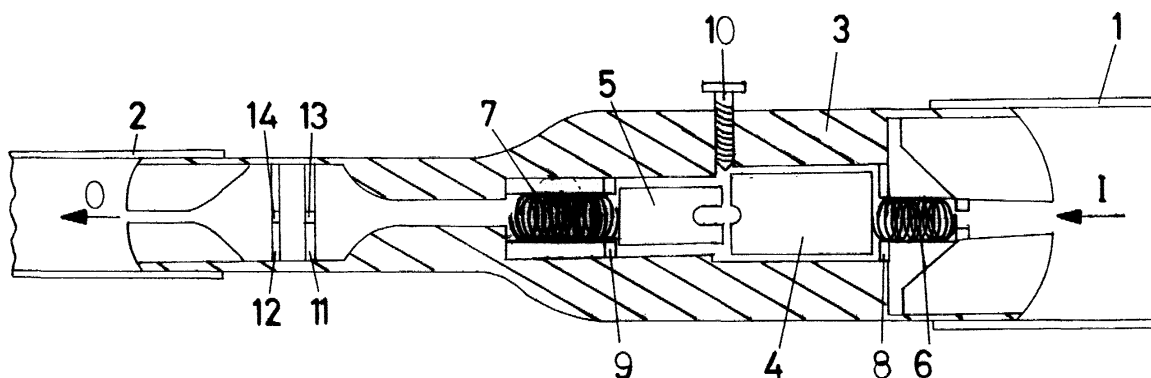


FIG.1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 50 0215

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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 5 March 2002	Examiner Marsano, F
CATEGORY OF CITED DOCUMENTS 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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