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Prohorenko A.A. Principals of approach to development of design and principle of high-pressure fuel pump control of accumulator fuel system of diesel engine /

A.A. Prohorenko, A.V. Gritsuk, A.N. Vrublevskiy, G.A.

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In the work the main principles of approach to designing of a high-pressure fuel pump of an accumulator fuel supply system of a diesel engine, obtained on the basis of the analysis of experimental and calculated results of operation of such system are stated. It is shown, that the application of a positive-displacement supply control of a high-pressure fuel pump of an accumulator injection system by fuel throttling at a high-pressure section inlet will allow reducing power loss on its drive. Il. 11. Bibliogr. 9 names.