UDC 629.113

Podznoev G.P., Abdulgazis U.A. Possibilities of increasing the efficiency of thermodynamic cycle of Diesel engine by using alternative energy // Internal combustion engines. –

2007. – № 1. – P.87-91

Possibilities of the usage of alternative energies are considered

herein. With the help of aluminum hydride increased the

efficiency of thermodynamic cycle of Diesel engine due to

regeneration of released heat after adiabatic extension. Ways of

technical solution of proposed conception of ecologically accomplished

“H-Diesel” on hydrogen and its advantages in the

development of engine building are defined. Il. 1. Bibliogr. 10

names.