

MODELING OF THE PROPULSION OF THE DACIA LOGAN HYBRID CAR FITTED OUT WITH ECOMATIC HYBRID SYSTEM

Authors

Dănuț Gabriel MARINESCU¹, Ion TABACU¹, Florin ȘERBAN¹, Ionel VIERU¹, Stefan TABACU¹, Mircea DRĂGHICI¹

¹University of Pitești, Mechanics and Technology Faculty

Abstract

In the present paper, the authors present the simplified models of the parallel hybrid systems considerate as being adaptable to the car in discussion Dacia Logan MCV. They are analyzed from the point of view of functionality for the EcoMatic Hybrid System II architecture which will fit out the Logan ECO Hybrid functional model which is the way of achievement in the Automotive Engineering Research Centre. This functional model of hybrid is the objective of the CNCSIS no. 956/2006-2007 project researches.

Keywords

Passenger car, HEV, parallel HEV