

# AIR INTAKE IN INTERNAL COMBUSTION ENGINES, SUPER-ASPIRATED AIR FILTERS, DYNAMIC AIR TRANSFER SYSTEMS / ADMISIA AERULUI ÎN MOTOARELE CU ARDERE INTERNĂ, FILTRE SUPRAASPIRANTE, SISTEME DINAMICE DE TRANSFER

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The research carried out in this book was oriented towards the efficiency of the intake process of internal combustion engines through the use of super-aspirated air filters, dynamic air transfer systems and thermal deflectors. The implementation of our own concepts was experienced, namely: super-aspirated air filters - various constructive types: cylindrical, cylindrical with internal diffuser, cylindrical with cooling radiators, with external absorption collector, direct, inverted (Patent of invention no. 125034/30.07.2013), suppliforms, super-aspirated (Invention patent no. 126019/28.12.2012) and YXV super-aspirated, the dynamic air transfer system (Utility Model no. RO 2009 00028) and the integrated thermal deflector (Utility Model no. RO 2010 00026) made of metallic materials, composites, plastics, etc.



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