

## USING OF THE CARBON IN ATOMIC STATE AND NANOPARTICLES FOR OBTAINING ECOLOGICAL FUEL

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**Summary:** *CCMMM has developed a membranar electro-catalytic system for obtaining a hydrogen-based fuel gas from water, system which is covered by a patent (International Application No. PCT/RO2011/000015 published under No. WO 2012/011 829 on 26/01/2012 and US 8992760), system which was protected internationally.*

*Unlike other companies (Audi from Germany and other companies from the UK), which captures atmospheric carbon dioxide and hydrogen is obtained by classical water electrolysis, the original system of CCMMM, mentioned above, uses a installation that simultaneously produce hydrogen and carbon dioxide, then turning them into fuel through a liquefaction operation.*